

CASSETTE RECEIVER

**KRC-705/759R/RY/785/805/
859C/CY/R/RY/W/WY
/885W/PS955**

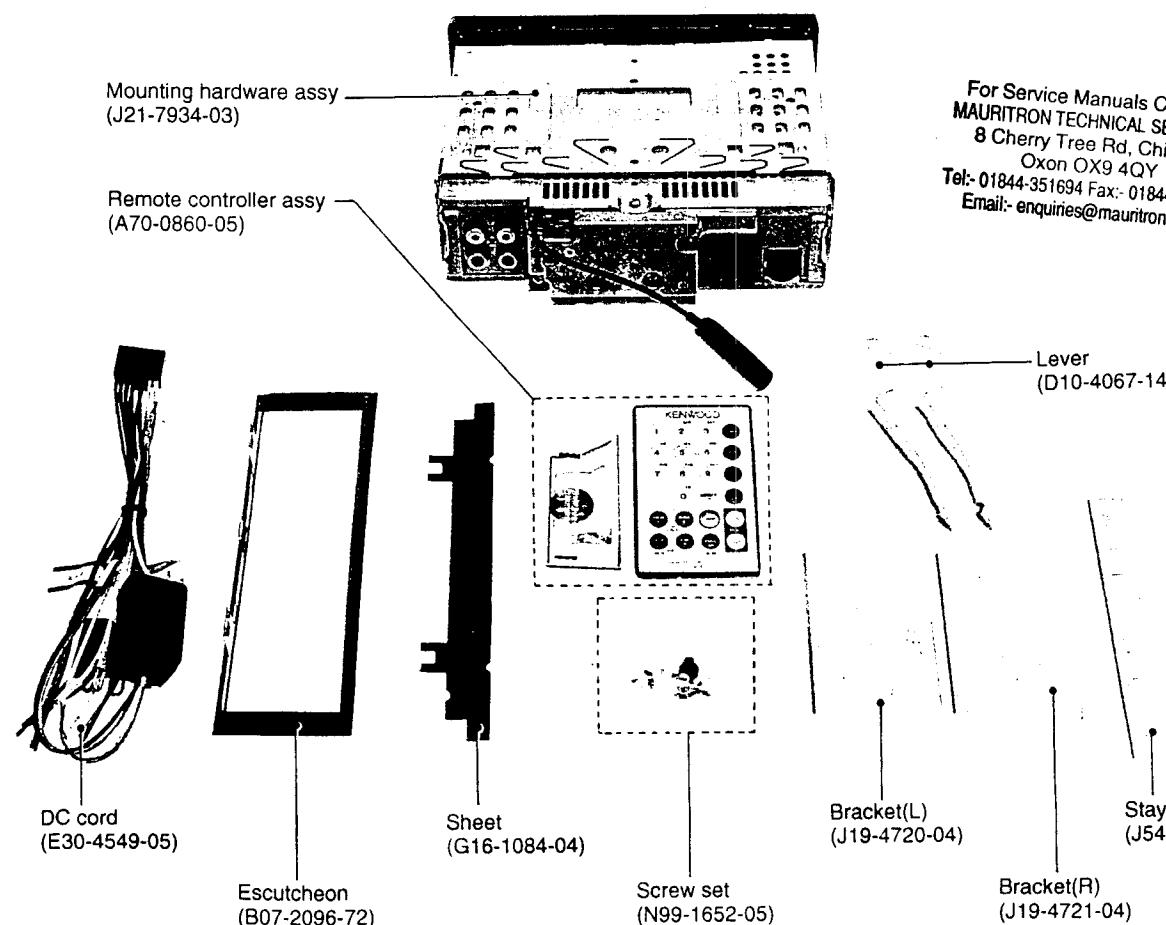
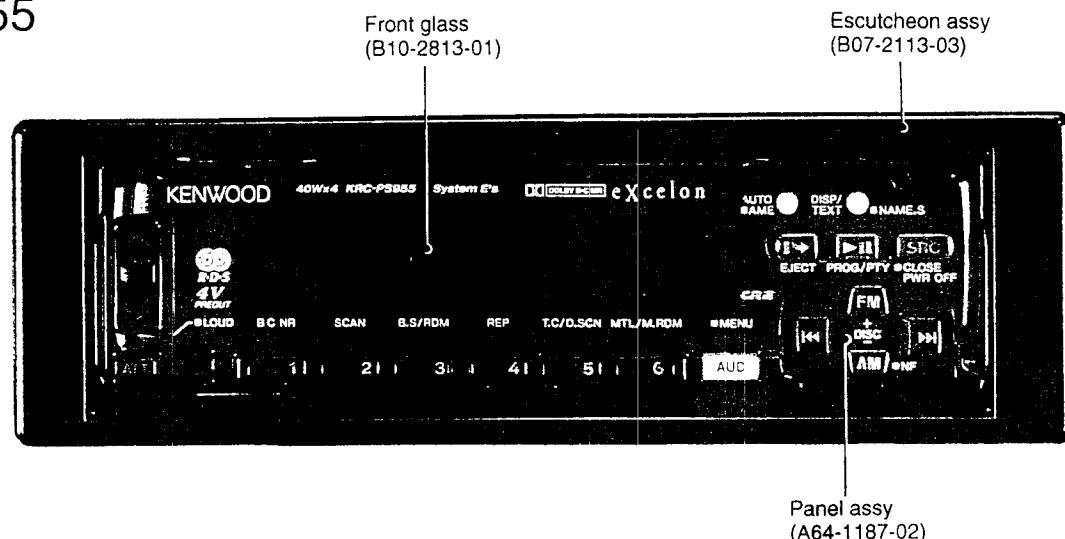
SERVICE MANUAL

KENWOOD

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B51-7309-00(B) 3299

Extension cord	Parts No.
cassette mechism (7P)	W05-0477-00
cassette mechism (10P)	W05-0609-00

KRC-PS955

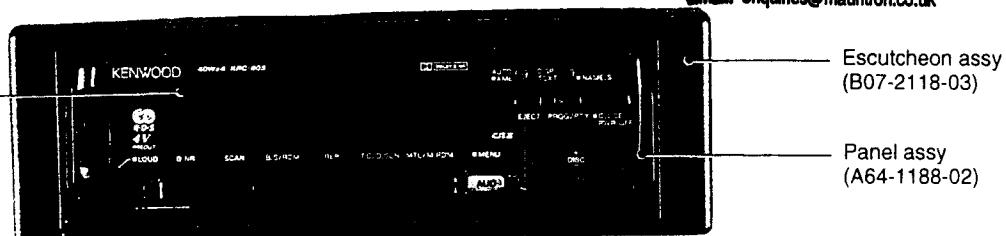


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MAURITRON TECHNICAL SERVICES
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Email:- enquiries@mauritron.co.uk

KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

KRC-805

Front glass
(B10-2814-01)



Mounting hardware assy
(J21-7934-03)

Remote controller assy
(A70-0860-05)

Escutcheon
(B07-2117-02)

DC cord
(E30-4549-05)

Screw set
(N99-1652-05)

Escutcheon assy
(B07-2118-03)

Panel assy
(A64-1188-02)

Sheet
(G16-1084-04)

Lever
(D10-4067-14)

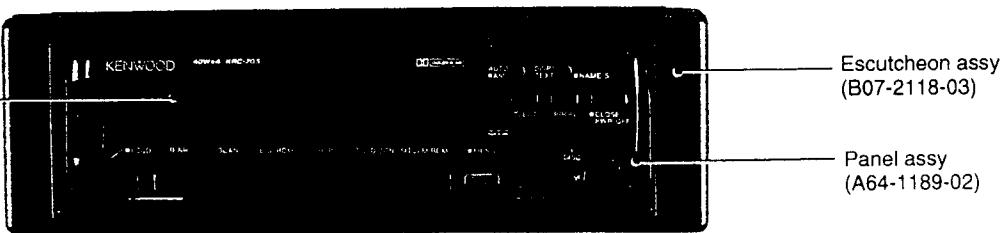
Stay
(J54-0606-04)

Bracket(R)
(J19-4721-04)

Bracket(L)
(J19-4720-04)

KRC-705

Front glass
(B10-2815-01)



Mounting hardware assy
(J21-7934-03)

Sheet
(G16-1084-04)

Escutcheon
(B07-2117-02)

DC cord
(E30-4549-05)

Escutcheon assy
(B07-2118-03)

Panel assy
(A64-1189-02)

Screw set
(N99-1652-05)

Lever
(D10-4067-14)

Stay
(J54-0606-04)

Bracket(R)
(J19-4721-04)

Bracket(L)
(J19-4720-04)

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KRC-859R

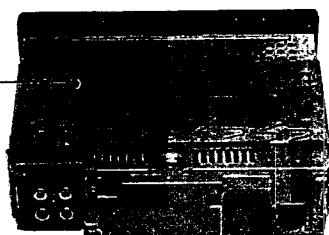
Front glass
(B10-2820-01)



Escutcheon assy
(B07-2118-03)

Panel assy
(A64-1194-02)

Mounting hardware assy
(J21-7934-03)



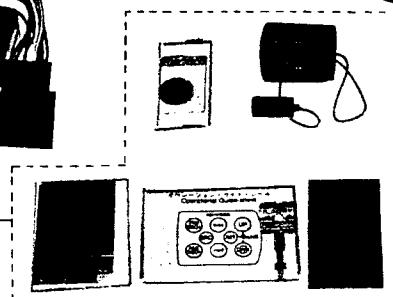
Sheet
(G16-1084-04)

DC cord
(E30-4551-05)



Lever
(D10-4067-14)

Remote controller assy
(A70-0874-05)

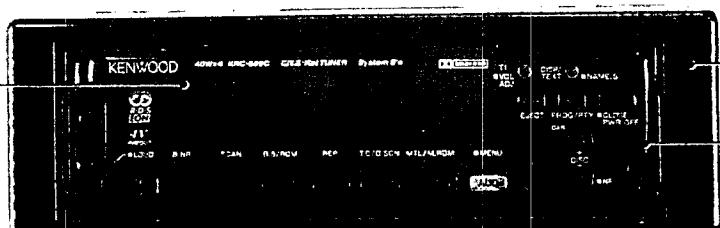


Antenna adaptor
(T90-0512-05)

SEMS
(N09-1885-05)

KRC-859C

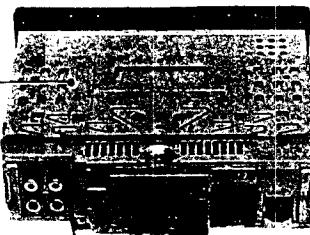
Front glass
(B10-2821-01)



Escutcheon assy
(B07-2114-03)

Panel assy
(A64-1195-02)

Mounting hardware assy
(J21-7934-03)



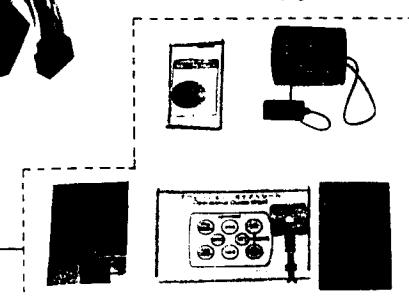
Sheet
(G16-1084-04)

DC cord
(E30-4551-05)



Lever
(D10-4067-14)

Remote controller assy
(A70-0874-05)



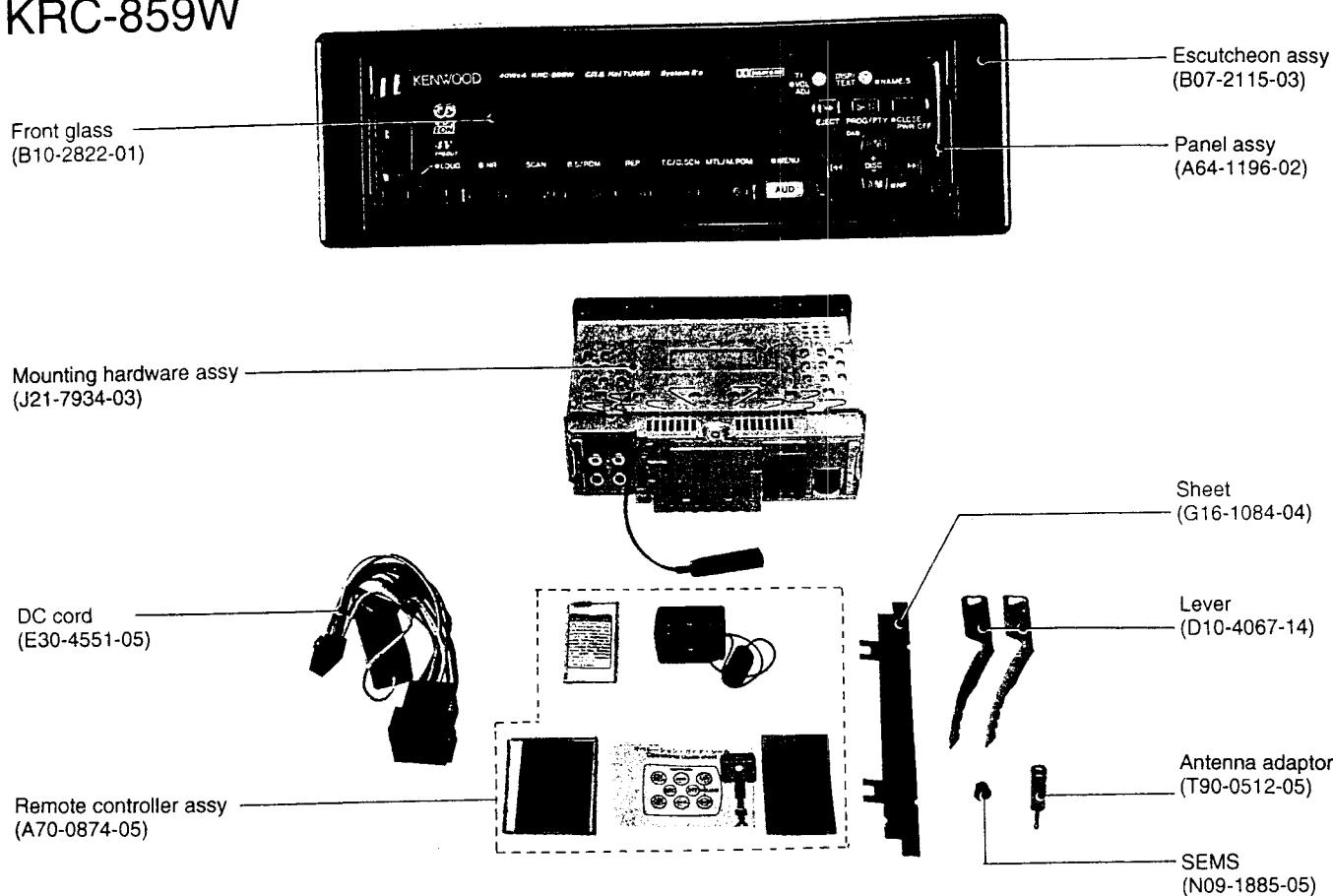
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SEMS
(N09-1885-05)

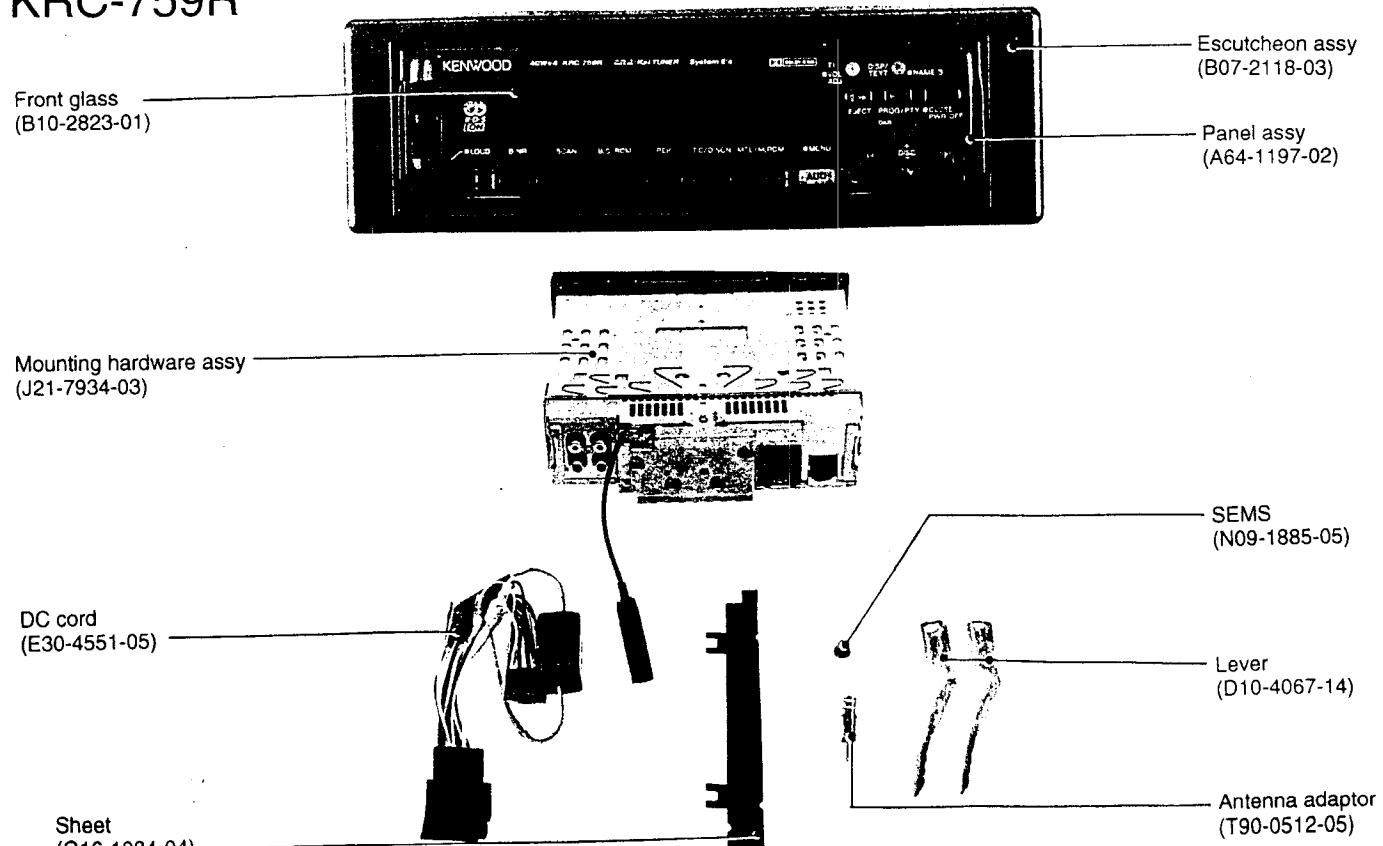
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KRC-859W



KRC-759R

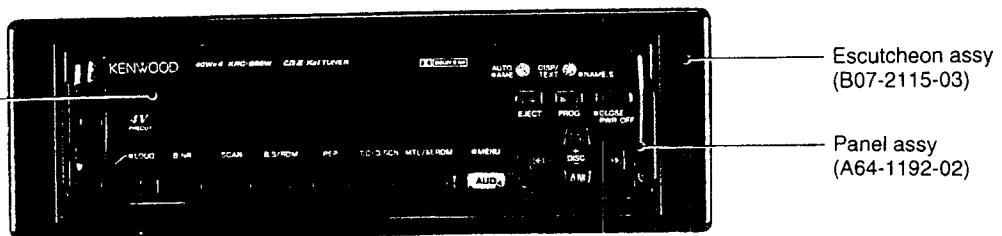


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RC-885W

front glass
(0-2818-01)



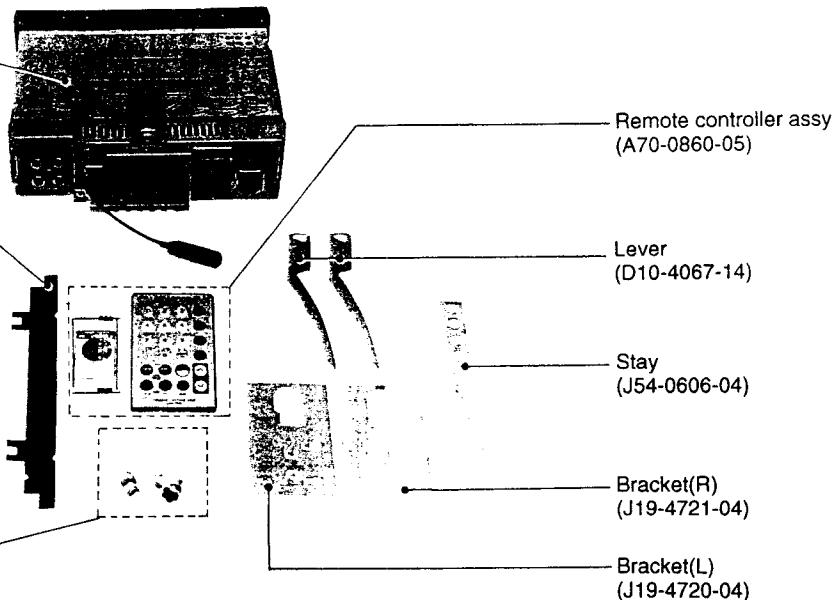
Mounting hardware assy
(J7934-03)

Set
(6-1084-04)

Escutcheon
(B07-2116-02)

Cord
(0-4549-05)

Front set
(0-1652-05)



RC-785

front glass
(0-2817-01)



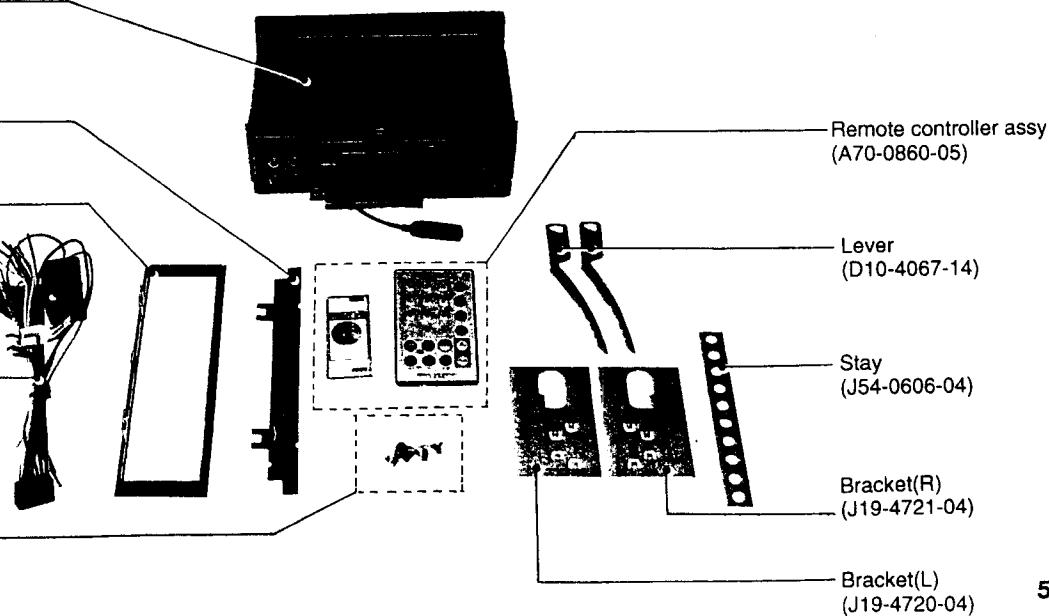
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Set
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Cord
(0-4549-05)

Front set
(0-1652-05)



KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

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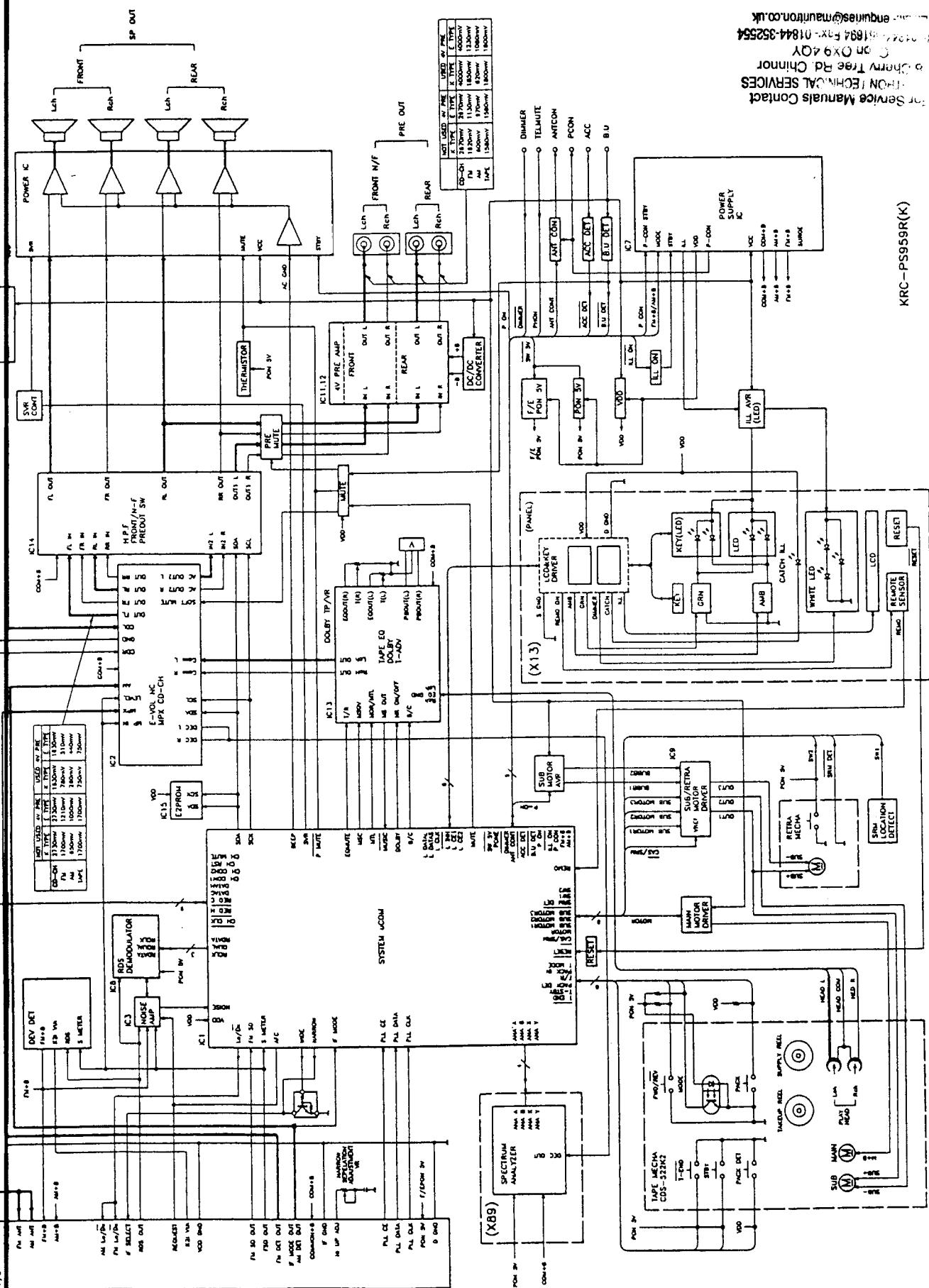
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BLOCK DIAGRAM

www.audionics.com/manufacturer.co.uk
1694 FAX: 01844 352564

DC 0x940V
DCHRY Tree Rd, Chinnor
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For Service Manuals Contact
T-1000 TECHNICAL SERVICES



KRC-705/759R/RY/785/805/859C
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 MARATHON TECHNICAL SERVICES
 For Service Manuals Contact

COMPONENTS DESCRIPTION

SYNTHESIZER UNIT(X14-568X-XX)

Element	Application/Function	Operation/Conditions/Compatibility
IC1	Microprocessor system control	
IC2	E-VOL, NC, MPX	
IC3	Noise amplifier	
IC6	Power IC	
IC7	Power IC	
IC8	R.D.S. decoder	
IC9	C mechanism and housing mechanism sub-motor driver	
IC10	DC/DC converter	
IC11, 12	4V op amp	
IC13	T-EQ, T-ADV, Dolby	
IC14	H.P.F. selection, N/F selection	
IC15	EPROM	
IC16	Mute logic circuit	
IC18	DEV DET converter	
IC20	Reset IC	
Q1, 2, 3, 4	Pre-out mute	Mute at base "H".
Q10, 11	Music sensor detection constant selection	Base "H" during tape playback, base "L" in modes other than FF tape.
Q90	E-VOL IC mute	Mute at base "H".
Q121	Noise buffer	
Q122, 123	Noise detection output constant selection	Q123 base "L" during seek, "H" during reception.
Q139	Overmodulation detection	Base "H" during overmodulation.
Q140	Overmodulation detection	Base "H" during overmodulation.
Q141	Weak electric field	Base "L" when electric field is weak.
Q151	Sub-motor voltage switching	C mechanism voltage at base "L", SRM mechanism voltage at base "H".
Q199	SVR switch	Mute at base "H".
Q202, 204	P-ANT switch	P-ANT on at Q209 base "H".
Q205	Backup detection	Backup detection at base "H".
Q206	ACC detection	Acc detection at base "H".
Q207	B.V 5V AVR	5V on at base "H".
Q208	Pre-mute switch	Pre-mute on at base "L".
Q209	P-ON V5 AVR	On at base "L".
Q210	F/E P-ON 5V AVR	On at base "L".
Q211	Dimmer switch	Dimmer at base "H".
Q231	CH2 control switch	CH2 on at base "L".
Q241, 242	4V op amp 10V AVR	On at base "H".
Q243, 244	10V AVR switch	On at base "H".
Q245 - 250	Plus-minus differential stabilizing circuit	
Q301, 302	Main motor AVR	AVR on at Q302 base "H".
Q303, Q305	LED AVR	AVR on at Q305 base "H".
Q304, Q307	Sub-motor driver AVR	AVR on at Q307 base "H".
Q306, Q308	Sub-motor driver AVR switch	AVR on at Q308 base "H".
Q311	Reset switch	Reset at base "H".
Q323	FM LO/DX switch	DX at base "H", LO at base "L".
Q324	Forced wide switch	Base "H" at forced wide.

CIRCUIT DESCRIPTION

1: UPD784215GF522 (X14-568X-XX) Microcomputer

Terminal descriptions

Pin	Pin Name	Name	I/O	Function	Description
1	P60/A16	TYPE0	I	Destination pin 0	
2	P61/A17	TYPE1	I	Destination pin 1	
3	P62/A18	TYPE2	I	Destination pin 2	
4	P63/A19	ST_TYPE0	I	IC2 Ver. 2 destination pin 0	Default : Lo
5	P64/RD	ST_TYPE1	I	IC2 Ver. 2 destination pin 1	Default : Lo
6	P65/WR	NC	O	Output open	
7	P66/WAIT	ANA_B	O	Spectrum analyzer frequency selection pin	
8	P67/ASTB	ANA_A	O	Spectrum analyzer frequency selection pin	
9	Vdd		-	Positive power supply pin	
10	P100/TI5/TO5	NC	O	Output open	
11	P101/TI6/TO6	SVR	O	Power IC reset pin : Power on : Lo	
12	P102/TI7/TO7	NC	O	Output open	
13	P103/TI8/TO8	P_MUTE	O	Power IC mute pin	Active : Hi
14	P30/TO0	ANT_CON	O	Antenna control pin	Active : Hi
15	P31/TO1	FM+B	O	FM power supply pin	Active : Hi
16	P32/TO2	AM+B	O	AM power supply pin	Active : Hi
17	P33/TI1	P_CON	O	Power control pin	Active : Hi
18	P34/TI2	ACC_DET	I	ACC detection pin	ACC off: Hi
19	P35/TI00	REMO	I	Remote control input pin	
20	P36/TI01	P_ON	O	Microprocessor peripheral power supply pin	Active : Hi
21	P37	BU_DET	I	Mute detection pin	Mute : Hi
22	TEST		-	Test pin	
23	P90	IC2_SDA	I/O	IC2, IC5, EEPROM data line	
24	P91	IC2_SCK	O	IC2, IC5, EEPROM clock line	
25	P92	MUTE	O	Mute pin	Active : Hi
26	P93	SW5	O	5V power supply pin	Active : Lo
27	P94	ILL_ON	O	Illumination output pin	Active : Hi
28	P95	CHCON2	O	Changer 2 control pin	Active : Lo
29	P120/RTP0	CHCON1	O	Changer 1 control pin	Active : Hi
30	P121/RTP1	CH_MUTE	I	Changer mute input pin	Mute request : Hi
31	P122/RTP2	REQH	O	Changer handshake request pin	Active : Lo
32	P123/RTP3	DIMMER	I	Small detection pin	Active : Lo
33	P124/RTP4	MOTOR	O	C mechanism main motor output pin	Active : Hi
34	P125/RTP5	T_END	I	Tape end detection pin	Normal playback : Hi
35	P126/RTP6	T_STBY	I	C mechanism standby input pin	
36	P127/RTP7	PACK_DET	I	Pack detection pin	Pack detected : Hi

CIRCUIT DESCRIPTION

Terminal descriptions

Pin	Pin Name	Name	I/O	Function	Description
37	Vdd		-	Positive power supply pin	
38	X2		-	Main clock connection pin	
39	X1		-	Main clock connection pin	
40	Vss		-	GND pin	
41	XT2		-	Sub clock connection pin	
42	XT1		-	Sub clock connection pin	
43	RESET		I	Reset input pin	Active : Lo
44	P00/INTP0	CH_RST	O	Changer reset output pin	Active : Hi
45	P01/INTP1	R_CLK	I	RDS clock input pin	
46	P02/INTP2/NMI	REQC	I	Changer handshake request pin	Active : Lo
47	P03/INTP3	CAS/SRM	O	C mechanism/SRM mechanism voltage selection pin.	C mechanism : Lo, SRM mechanism : Hi
48	P04/INTP4	SUB_MOTOR1	O	Sub-motor output pin	
49	P05/INTP5	SUB_MOTOR2	O	Sub-motor output pin	
50	P06/INTP6	SUB_MOTOR3	O	Sub-motor output pin	
51	AVdd		-	A/D analog power supply pin	
52	AVref0		-	A/D reference voltage input pin	
53	P10/ANI0	PHONE	I	PHONE detection pin.	1V or less : PHONE, 2.5V or greater : NAVI MUTE
54	P11/ANI1	SRM_SW1	I	SRM position detection pin.	Open : Hi
55	P12/ANI2	NOISE	I	FM noise detection pin	
56	P13/ANI3	SMETER	I	FM S meter detection pin	
57	P14/ANI4	ANA_X	I	Spectrum analyzer input pin	
58	P15/ANI5	ANA_Y	I	Spectrum analyzer input pin	
59	P16/ANI6	IF_MODE	I	K21 IF mode detection pin.	Wide : Hi, Narrow : Lo
60	P17/ANI7	T_MODE	I	C mechanism mode detection pin	
61	AVss		-	A/D GND pin	
62	P130/ANO0	NC	O	Output open	
63	P131/ANO1	NC	O	Output open	
64	AVref1		-	D/A reference voltage input pin	
65	P70/RxD2/SI2	DATA_C	I	Data line from changer	
66	P71/TxD2/SO2	DATA_H	O	Data line to changer	
67	P72/ASCK2	CH_CLK	I/O	Changer clock line	
68	P20/RxD1/SI1	L_DATA_L	I	Data line to LCD driver	
69	P21/TxD1/SO1	L_DATA_H	O	Data line to LCD driver	
70	P22/ASCK1	L_CLK	O	LCD driver clock pin	
71	P23/PCL	NC	O	Output open	
72	P24/BUZ	BEEP	O	Beep detection pin	Active : Hi
73	P25/SI0	PLL_CE	O	PLL CE pin	
74	P26/SO0	PLL_DATA	I/O	PLL data input/output pin	

CIRCUIT DESCRIPTION

Terminal descriptions

Pin	Pin Name	Name	I/O	Function	Description
75	P27/SCK0	PLL_CLK	O	PLL clock pin	
76	P80/A0	PACK_IN	I	Pack in detection pin	Pack in : Hi
77	P81/A1	F/R	I	C mechanism FWD/REV detection pin	FWD : Hi, REV : Lo
78	P82/A2	WIDE	O	K2I forced wide output pin	Active : Hi
79	P83/A3	NARROW	O	K2I forced narrow output pin	Active : Hi
80	P84/A4	KEY_REQ	I	Key input request from LCD driver	Key : Hi
81	P85/A5	L_CE1	O	LCD driver CE pin	
82	P86/A6	L_INH	O	LCD driver reset pin	Reset : Lo
83	P87/A7	L_CE2	O	LCD driver CE pin	
84	P40/AD0	QUAL	I	RDS reception mode	
85	P41/AD1	R_DATA	I	RDS data input pin	
86	P42/AD2	NC	O	Output open	
87	P43/AD3	NC	O	Output open	
88	P44/AD4	SRM_DET	I	SRM mechanism detection pin	Mechanism : L, No mechanism : Hi
89	P45/AD5	SRM_SW2	I	SRM eject position detection pin	Startup : Eject position
90	P46/AD6	FM_SD	I	FM SD input pin	Station : Hi, No station : Lo
91	P47/AD7	NC	O	Output open	
92	P50/A8	AFC	O	Noise detection constant selection pin	Reception : Hi, Search : Lo
93	P51/A9	LO/DX	O	Local output pin	Local : Hi, Normal : Lo
94	P52/A10	MUSIC	I	Tape selection detection pin	Selection : Lo : No selection : Hi
95	P53/A11	MSC	O	Blank detection constant selection pin	Play mode : Hi, FF/REW mode : Lo
96	P54/A12	MTL	O	Metal output pin	Active : Hi
97	P55/A13	EQ_MUTE	O	EQ mute output pin	Active : Hi
98	P56/A14	DOLBY	O	Dolby output pin	Active : Hi
99	P57/A15	B/C	O	Dolby B/C selection pin	B : Lo, C : Hi
100	Vss		-	GND pin	

TEST MODE

To enter test mode

While holding the "FM" key and preset "6" key, reset the unit.

All indication segments are ON at the beginning of test mode.

To release test mode

Simply reset the unit.

(NOTE) The test mode is not canceled by ACC OFF, power OFF, momentary power down or the panel detaching.

FM signal meter voltage adjustment

- 1) Enter test mode .
- 2) Receive 98.1MHz with the SG and set the ANT input level to 35dBf. The modulation should be off during this.

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CIRCUIT DESCRIPTION

- 3) While holding preset "1" key, press and hold preset "6" key for a few seconds.
4) "ADJ OK" is displayed if the adjustment is OK and "ADJ NG" is displayed if it is not good.
4. AM SD voltage writing
 - 1) Enter test mode.
 - 2) Receive 999kHz or 1000kHz with the SG and set the ANT input level to 35dBf. The modulation should be off during this.
 - 3) While holding preset "1" key, press and hold preset "6" key for a few seconds to write the SD voltage.
5. K2I AUTO/MANUAL switching
Hold down the "T1" key for 2 second to switch K2I between AUTO and MANUAL.
The initial mode is MANUAL, with which the "TEXT" dot lights up.
6. K2I Forced Narrow/Wide switching
Press preset "6" key to switch K2I between forced Narrow and Wide.
The initial mode is Wide, with which the "NR" dot lights up.
7. Audio adjustments
The volume is set to -10dB (which is shown as 30).
The BASS/TREBLE and BALANCE/FADER controls can be set to the full boost / full cut and full front / full rear respectively by pressing the "UP"/"DOWN" keys.
The high pass filter can be set to 220Hz/ Through by pressing the "UP"/"DOWN" keys.
Note that, however, the non-fader control is varied in +1dB/-1dB steps by pressing the "UP"/"DOWN" keys.
8. Changing the E2PROM for servicing (for E/M type SRMs only)
 - 1) Set the test mode. (Refer to "1 Setting the test mode".)
 - 2) Press the "SRC" key and select TUNER.
 - 3) Press the "AUDIO" key for at least 1 second to enter the menu mode.
 - 4) Press the seek up or seek down key and select "SECURITY".
 - 5) Press the "FM" or "AM" key for at least 2 seconds.
 - 6) Press the "1", "2", "3" and "4" keys to input the code.
Example - To input "3510":
 - Press the "1" four times.
 - Press the "2" six times.
 - Press the "3" two times.
 - Press the "4" one time.
 - 7) Press the "DISP" key for 3 seconds to display "APPROVED".
 - 8) Cancel the test mode. (Refer to "2 Canceling the test mode".)
9. Simple security code clear during servicing (for K type SRMs only)
 - 1) When the code is requested, press the VOL UP key for at least 3 seconds while press the "DISP" key. ("----" turns off.)
 - 2) Input "KCAR" from the remote control unit (as for '97 models).
Press the "5" key two times, then press the seek up key. ("K" is input.)
Press the "2" key three times, then press the seek up key. ("C" is input.)
Press the "2" key one time, then press the seek up key. ("A" is input.)
Press the "7" key two times, then press the seek up key. ("R" is input.)
 - 3) The security mode is cleared and the tuner mode is set.

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ADJUSTMENT

Set the controls and switches as follows.

BALANCE :center position BASS :center position LOUD :OFF DOLBY NR :OFF
FADER :center position TREBLE :center position METAL :OFF

No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	SEPARATION (NARROW) for Europe (K2I) model.*	(C) 98.1MHz 1kHz, ± 40 kHz dev Pilot: ± 6.0 kHz dev Selector:L or R 60dB μ (ANT input)	(B)	TEST MODE:ON (Forced Narrow) FM 98.1MHz	VR3 (X14-)	Adjust it so that the crosstalk from L to R and R to L become minimum.	
1	SEPARATION (NARROW) for K or M (K2I) model.*	(C) 98.1MHz 1kHz, ± 67.5 kHz dev Pilot: ± 7.5 kHz dev Selector:L or R 60dB μ (ANT input)	(B)	TEST MODE:ON (Forced Narrow) FM 98.1MHz	VR3 (X14-)	Adjust it so that the crosstalk from L to R and R to L become minimum.	
2	ANRC	(C) 98.1MHz 0 dev 35dB μ (ANT input)	-	TEST MODE: ON FM 98.1MHz	Preset "1" key, and preset "6" key	While holding preset "1" key, press and hold preset "6" key for a few seconds. "ADJ OK" is displayed if the adjustment is OK and "ADJ NG" is displayed if it is not good.	
AM SECTION							
(1)	SEEK STOP LEVEL	(D) 990 kHz 0% mod 35dB μ (ANT input)	-	TEST MODE: ON AM 990 kHz	Preset "1" key, and preset "6" key	While holding preset "1" key, press and hold preset "6" key for a few seconds. "ADJ OK" is displayed if the adjustment is OK and "ADJ NG" is displayed if it is not good.	
CASSETTE DECK SECTION							
[1]	AZIMUTH	TCC-153 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each Lch/Rch or FWD/RVS becomes maximum	
[2]	PLAY BACK LEVEL	TCC-130	Connect an AC voltmeter to CN2	TAPE PLAY	VR1 (L) VR2 (R) (X14)	300mV	(a)

TEST MODE : ON (Forced Narrow) While holding the "FM" key and preset "6" key, reset the unit.
Hold down the "T1" key for 2 second. "TEXT" goes ON.
Press preset "6" key. "NR" goes OFF.

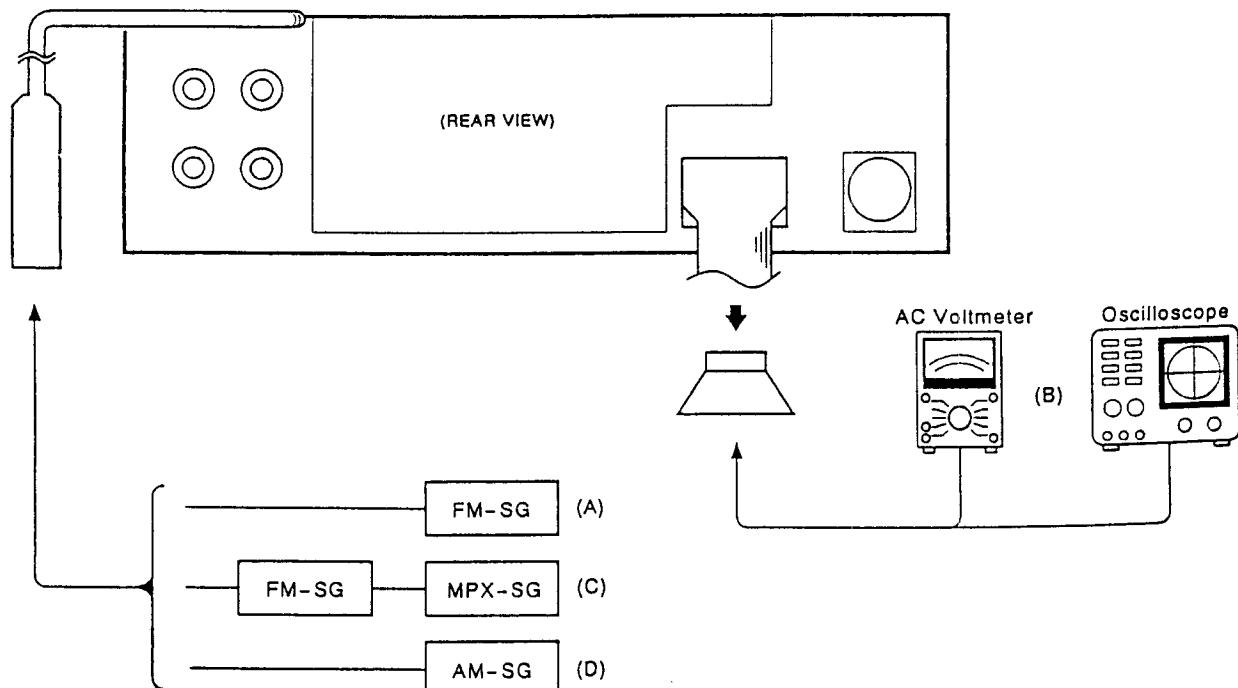
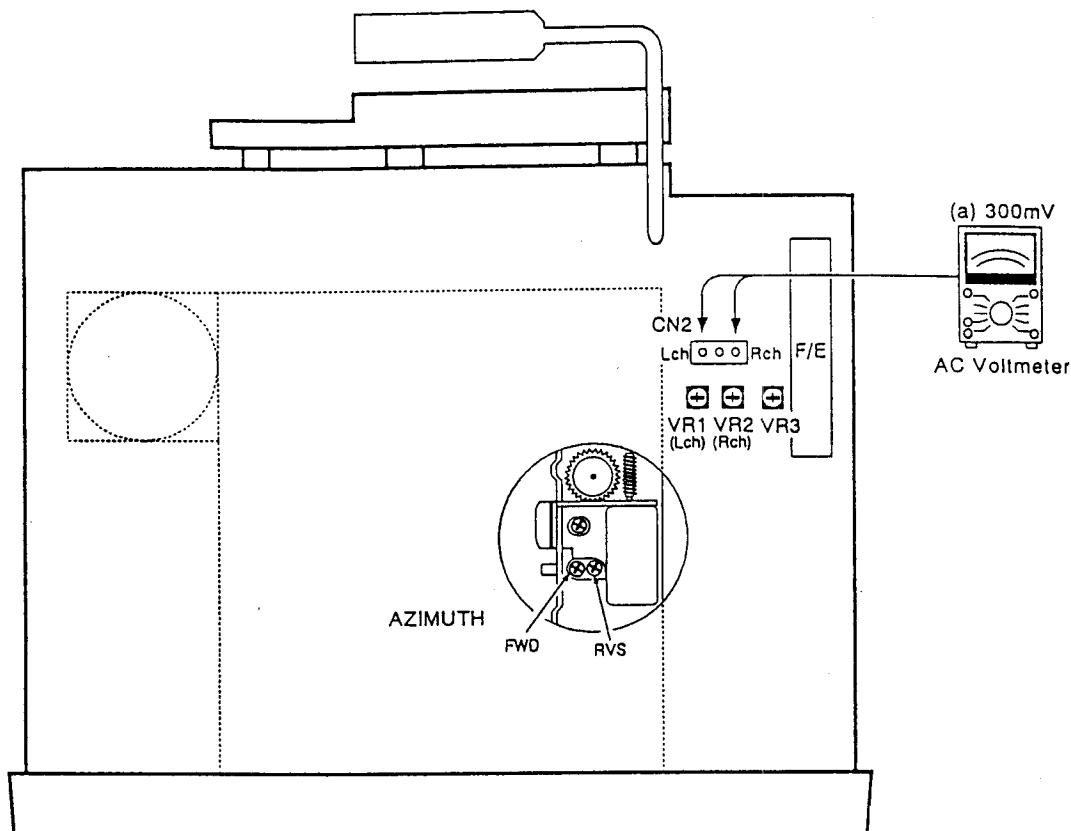
*Europe (K2I) model : KRC-PS959R/RY, KRC-859R/RY, KRC-859C/CY, KRC-859W/WY, KRC-759R/RY

*K or M (K2I) model : KRC-985R

KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955

ADJUSTMENT

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4OY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk



PC BOARD (Component side view)

SYNTHESIZER UNIT
(X14-568X-XX)

Ref. No.	Address
IC	Q
1	6C
2	5D
3	6E
6	3D
7	5B
8	6D
9	7E
10	4D
11	4E
12	4E
13	6E
14	4D
15	5C

Ref. No.	Address
IC	Q
16	5C
18	5F
20	7B
1	4E
2	4E
3	5E
4	5E
10	6D
11	6D
90	5D
121	6E
122	6D
123	6D

Ref. No.	Address
IC	Q
139	5F
140	5F
141	5F
151	7E
199	4D
202	5C
204	5C
205	5B
206	5C
207	6A
208	5C
209	5A
210	7C

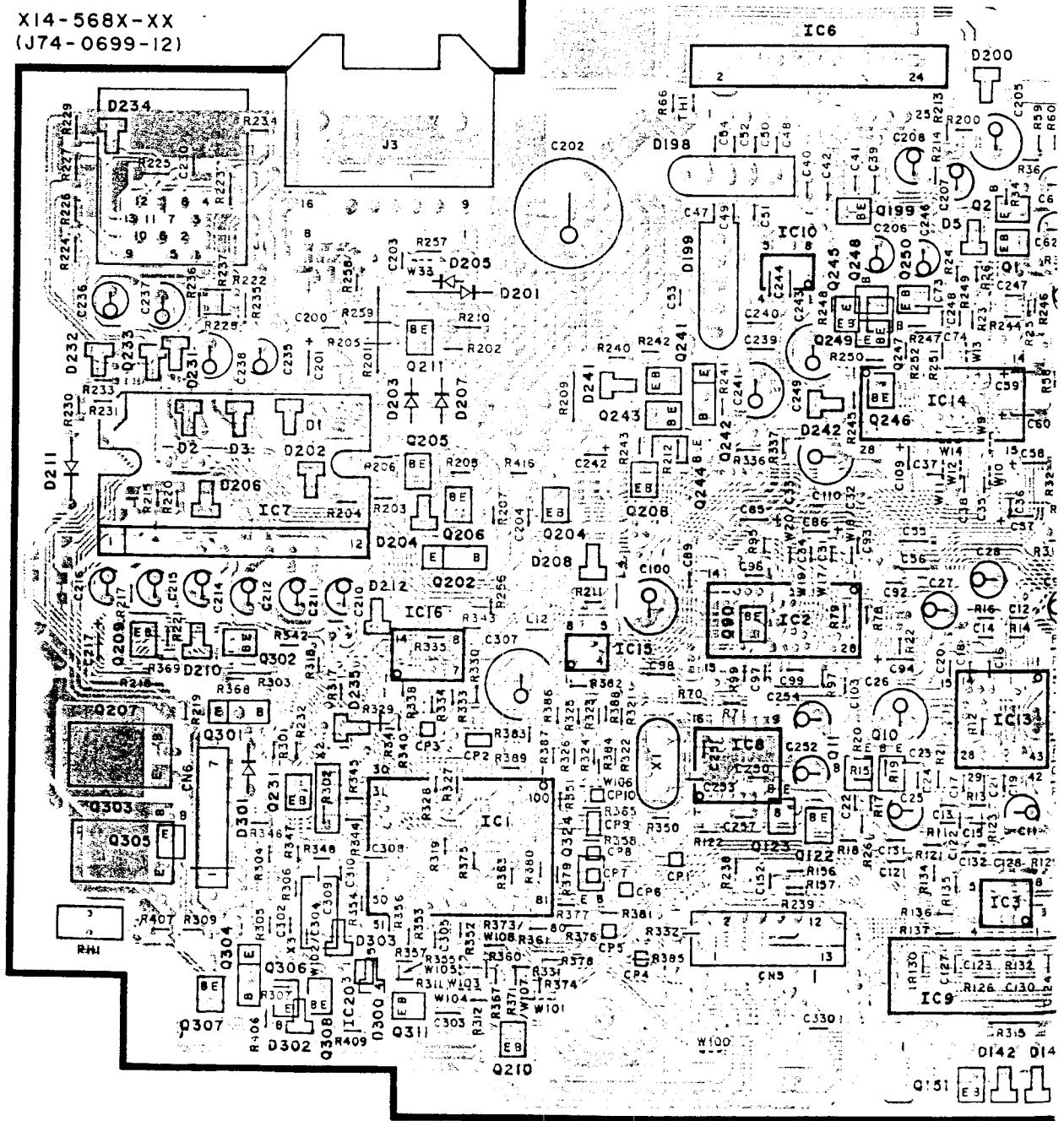
Ref. No.	Address
IC	Q
211	4B
231	6B
241	4C
242	4D
243	4C
244	5C
245	4C
246	4D
247	4D
248	4D
249	4D
250	4D
301	6B

For Service Manual- Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel- 01844-351694 Fax- 01844-352554
Email- enquiries@mauritron.co.uk

Ref. No.	Address
IC	Q
302	5B
303	6A
304	7B
305	6A
306	7B
307	7B
308	7B
311	7B
323	4F
324	6C

SYNTHESIZER UNIT (X14-568X-XX)

X14-568X-XX
(J74-0699-12)



nt side view)

C

D

E

F

G

Ref. No.	Address
IC	Q
139	5F
140	5F
141	5F
151	7E
199	4D
202	5C
204	5C
205	5B
206	5C
207	6A
208	5C
209	5A
210	7C

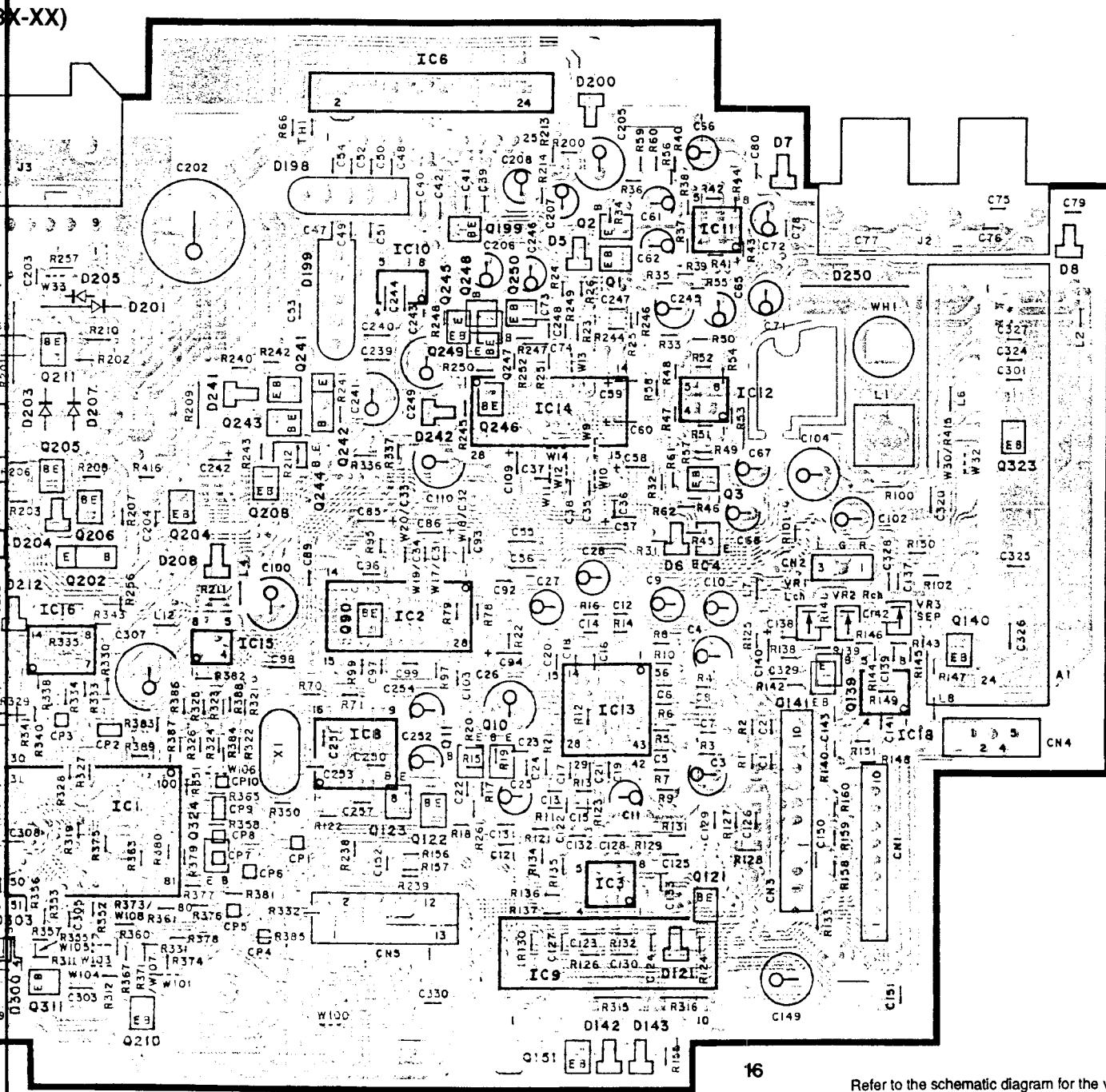
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IC	Q
211	4B
231	6B
241	4C
242	4D
243	4C
244	5C
245	4C
246	4D
247	4D
248	4D
249	4D
250	4D
301	6B

Ref. No.	Address
IC	Q
302	5B
303	6A
304	7B
305	6A
306	7B
307	7B
308	7B
311	7B
323	4F
324	6C

For Service Manuals Contact
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8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk

SWITCH
(X13-91)

Ref. N
IC
1
2
3



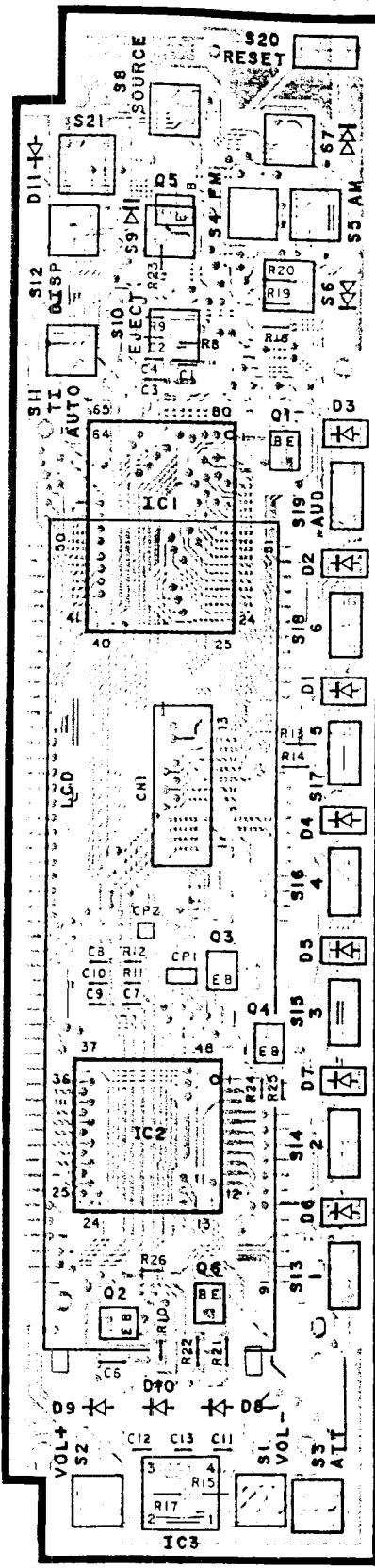
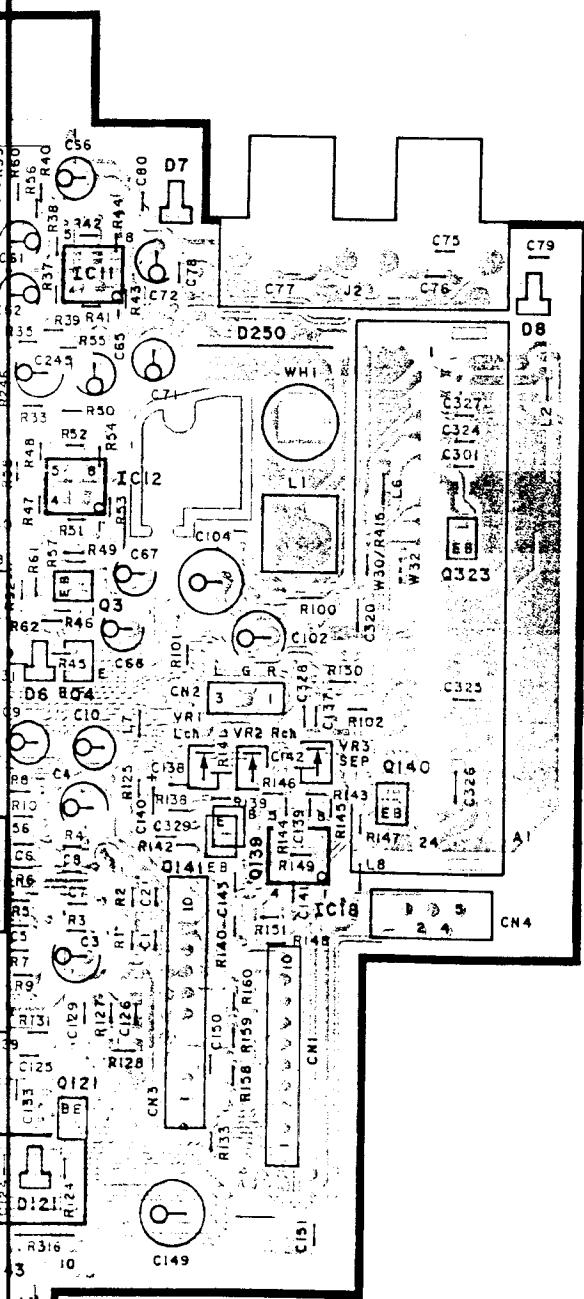
SWITCH UNIT (X13-9140-10)

X13-9140-10 (J74-0718-02)

For Service Manuals Contact
~~MAURITRON~~ MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd: Chinnor
Tel: 018 0xon 094QY 11250554
Tel: 01844 351694 Fax: 01844 352554
Email: enquiries@mauritron.co.uk

**SWITCH UNIT
(X13-9140-10)**

Ref. No.		Address
IC	Q	
1		3H
2		6H
3		7H
	1	3I
	2	6H
	3	5I
	4	5I
	5	2H
	6	6H



J

K

1

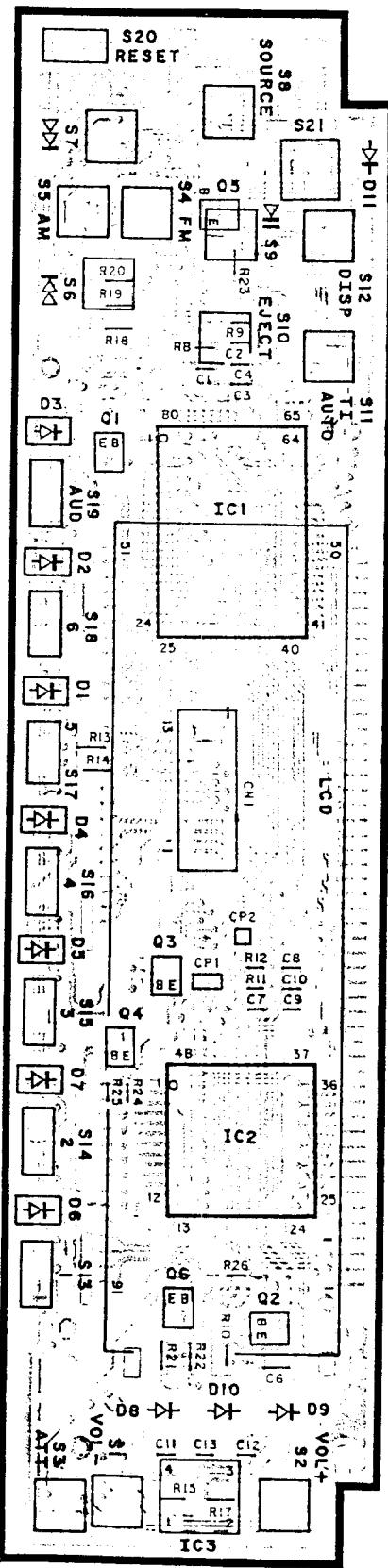
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N

SWITCH UNIT (X13-9140-10)
X13-9140-10 (J74-0718-02)

Service Manuals Cont
MAURITRON TECHNICAL SUPPORT
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QV
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk

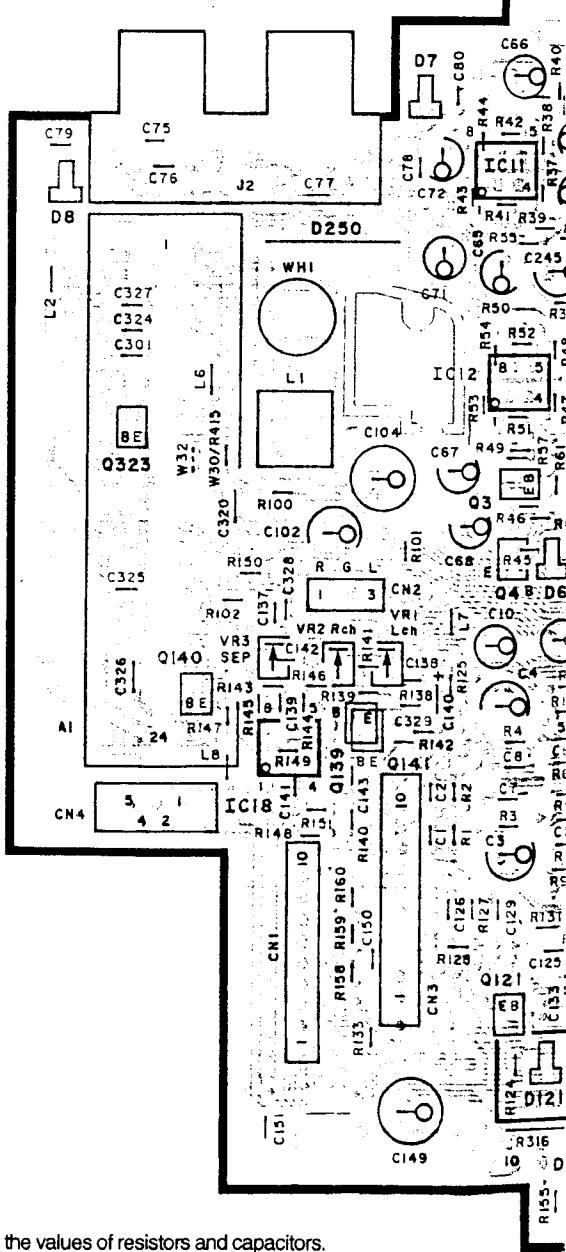
Fo
MAU
8L
Tel: 0184
Email: 6444



SWITCH UNIT
(X13-9140-10)

Ref. No.		Address
IC	Q	
1		3K
2		6K
3		7K
	1	3J
	2	6K
	3	5J
	4	5J
	5	2K
	6	6J

SYNTHESIZER UNIT (X14-568X-XX)



Refer to the schematic diagram for the values of resistors and capacitors.

**SYNTHESIZER UNIT
(X14-568X-XX)**

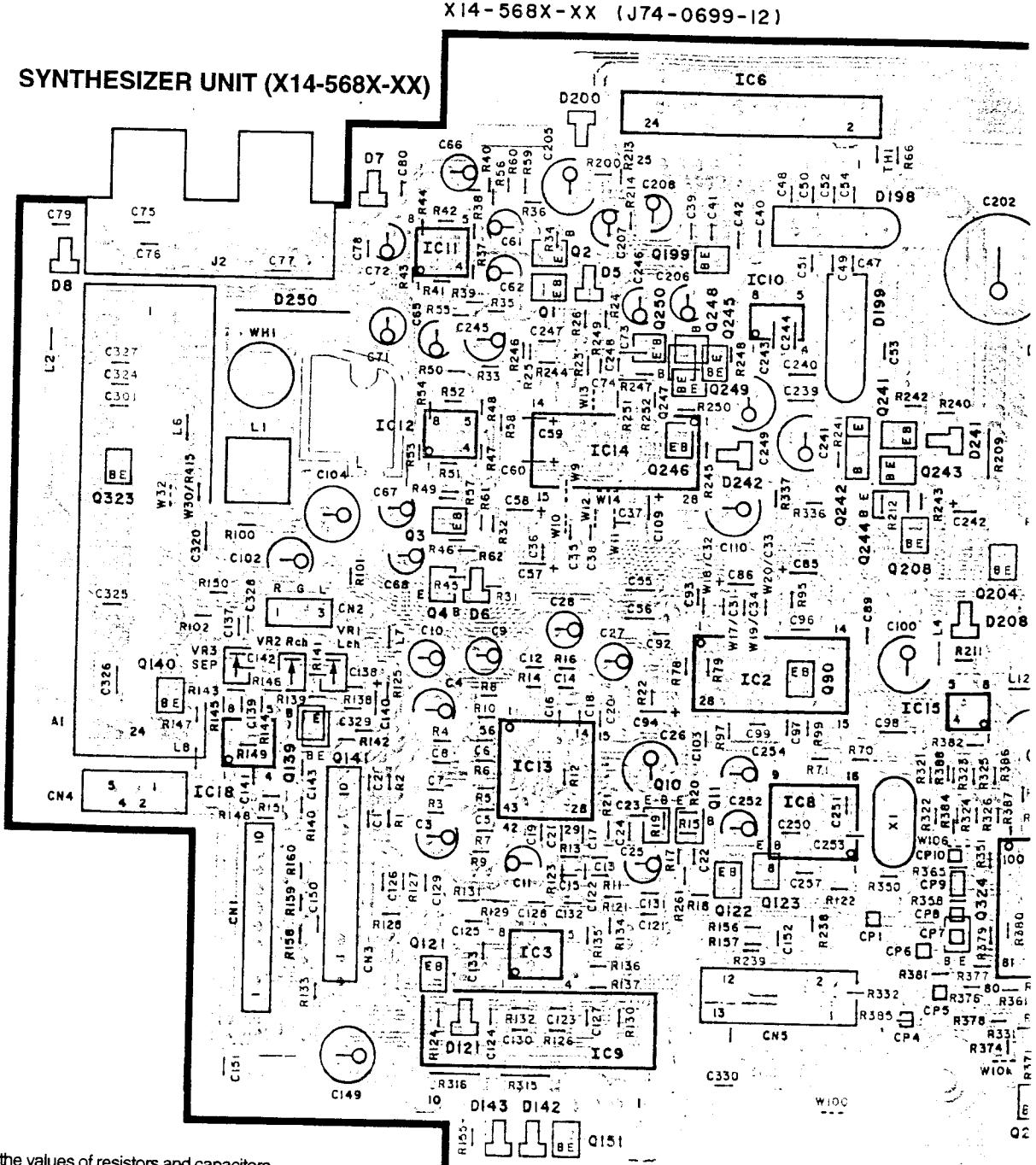
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2		5O	18		
3		6N	20		
6		3O		1	
7		5Q		2	
8		6O		3	
9		7N		4	
10		4O		10	
11		4N		11	
12		4N		90	
13		6N		121	
14		4N		122	
15		5P		123	

For Service Manuals, Contact:
MAURITRON Techn. Sv. Division
8 Cherry Tree Rd. Chitt
Chitt, Okla 74721
Tel: 01844-351822 (24 hrs.)
Email: enquiries@mauritron.com

**SWITCH UNIT
(X13-9140-10)**

Ref. No.		Address
IC	Q	
1		3K
2		6K
3		7K
	1	3J
	2	6K
	3	5J
	4	5J
	5	2K
	6	6J

SYNTHESIZER UNIT (X14-568X-XX)



For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4 QY
Tel: 01844 351694 Fax: 01844 352554
Email: enquiries@mauritron.co.uk

**SYNTHESIZER UNIT
(X14-568X-XX)**

PC BOARD (Foil side view)

Ref. No.		Address
IC	Q	
1		6P
2		5O
3		6N
6		3O
7		5Q
8		6O
9		7N
10		4O
11		4N
12		4N
13		6N
14		4N
15		5P

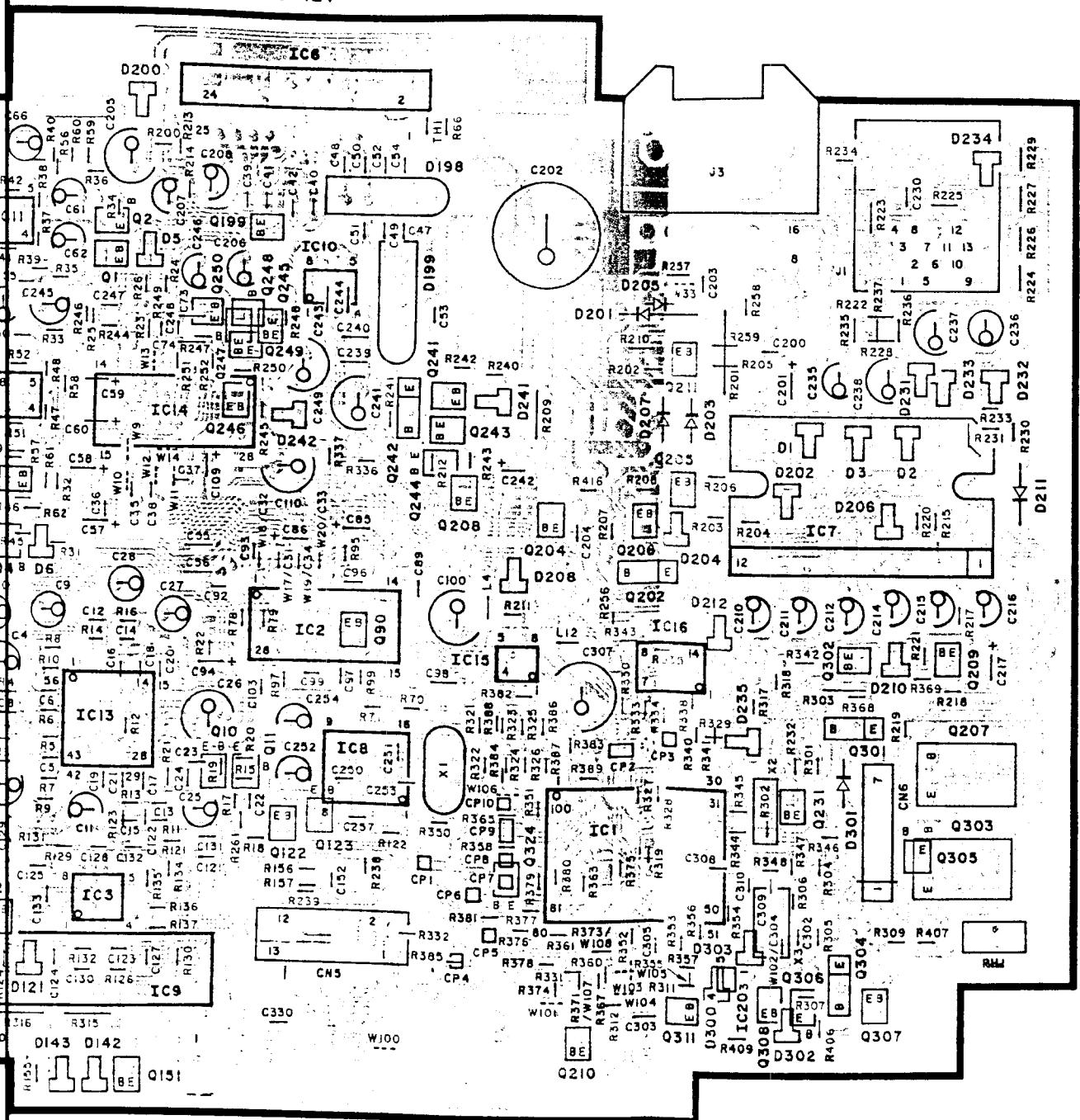
Ref. No.		Address
IC	Q	
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18		5M
20		7Q
	1	4N
	2	4N
	3	5N
	4	5N
	10	6O
	11	6O
	90	5O
	121	6N
	122	6O
	123	6O

Ref. No.	Address
IC	Q
139	5M
140	5M
141	5M
151	7N
199	4O
202	5P
204	5P
205	5Q
206	5P
207	6R
208	5P
209	5R
210	7P

Ref. No.		Address
IC	Q	
	211	4Q
	231	6Q
	241	4P
	242	4O
	243	4P
	244	5P
	245	4O
	246	4O
	247	4O
	248	4O
	249	4O
	250	4O
	301	6Q

Ref. No.	Address
IC	Q
302	5Q
303	6R
304	7Q
305	6R
306	7Q
307	7Q
308	7Q
311	7Q
323	4M
324	6P

X14-568X-XX (J74-0699-12)



A

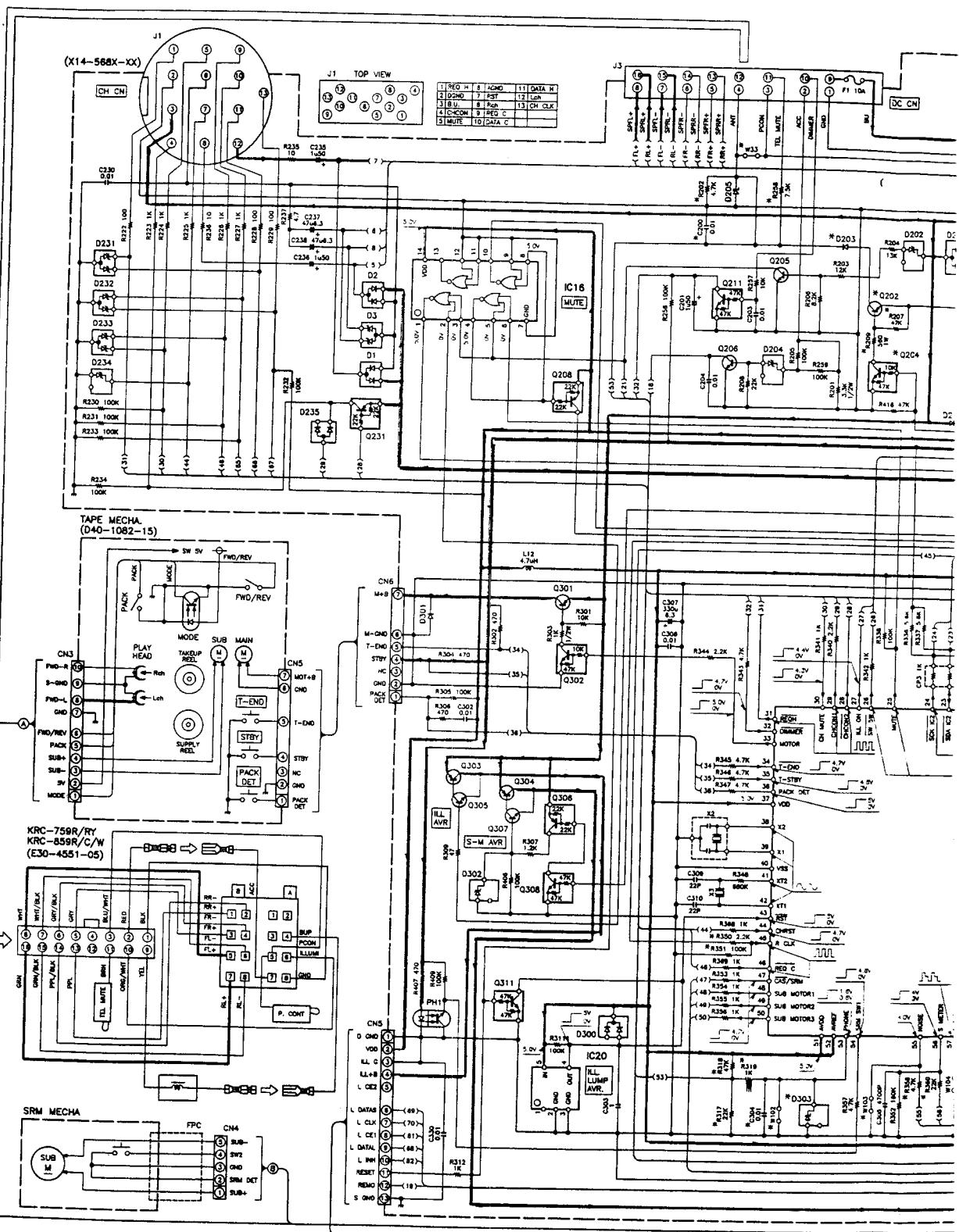
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6

D

11

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8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk



DTA114EK
DTA114YK
DTA124EK
DTA144EK
DTC114TK
DTC114YK
DTC124EK
DTC124TK
DTC143TK

DTC144EK
DTD123YK

2SB1184

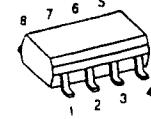
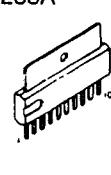
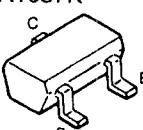
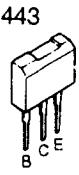
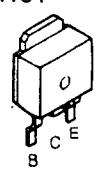
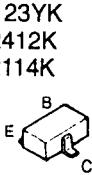
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2SB1443

2SA1037K

BA6228A

NJM2903M
NJM4565M-TE2

BANCOES



A2

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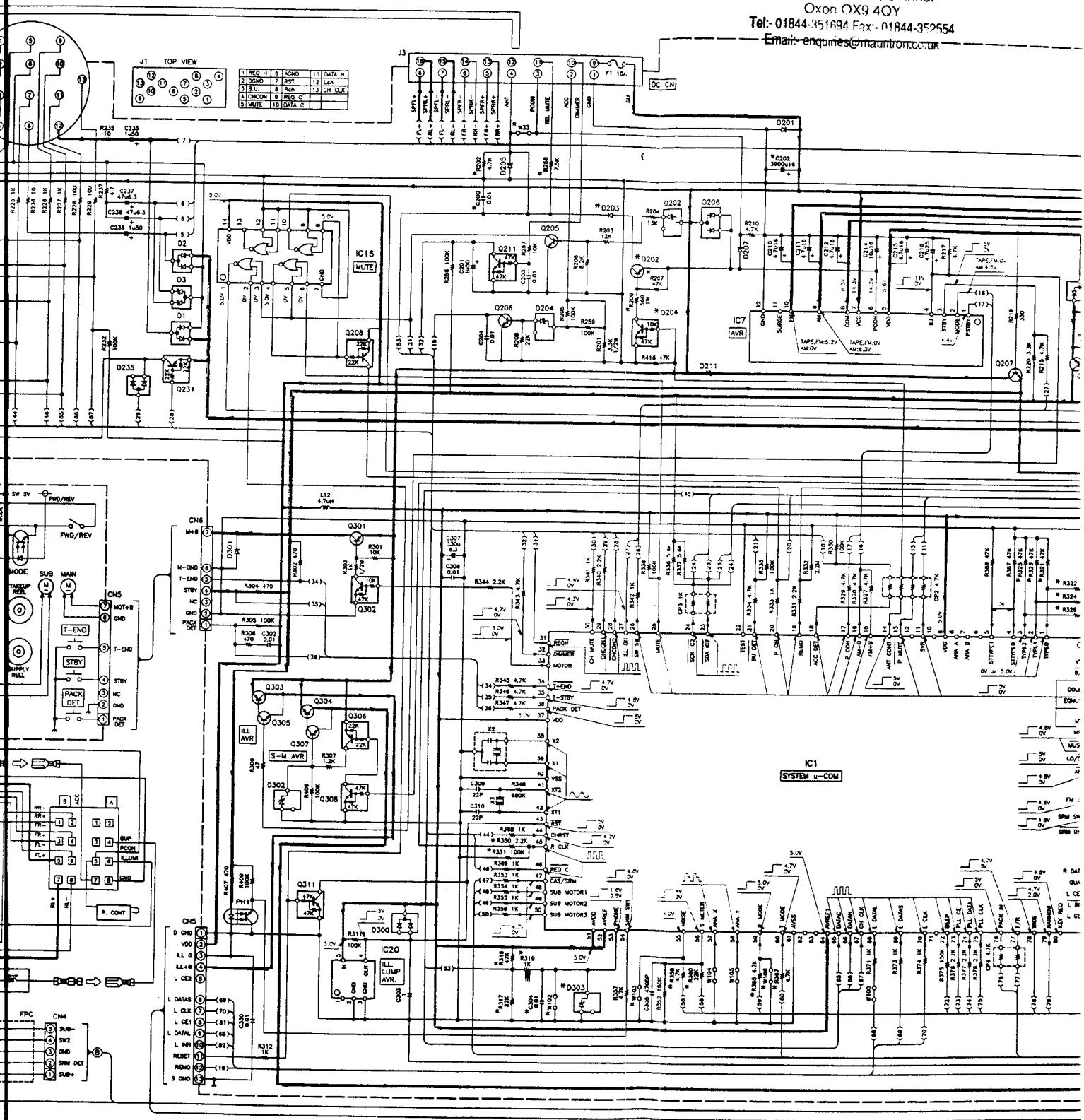
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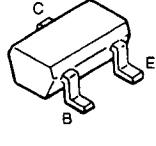
**For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk**



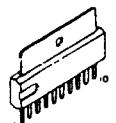
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2SB1443



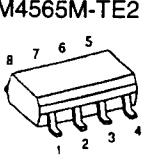
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BA6238A



NJM2903M
NJM4565M-TE2



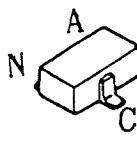
DAN202K



DA204K



RD6.8M



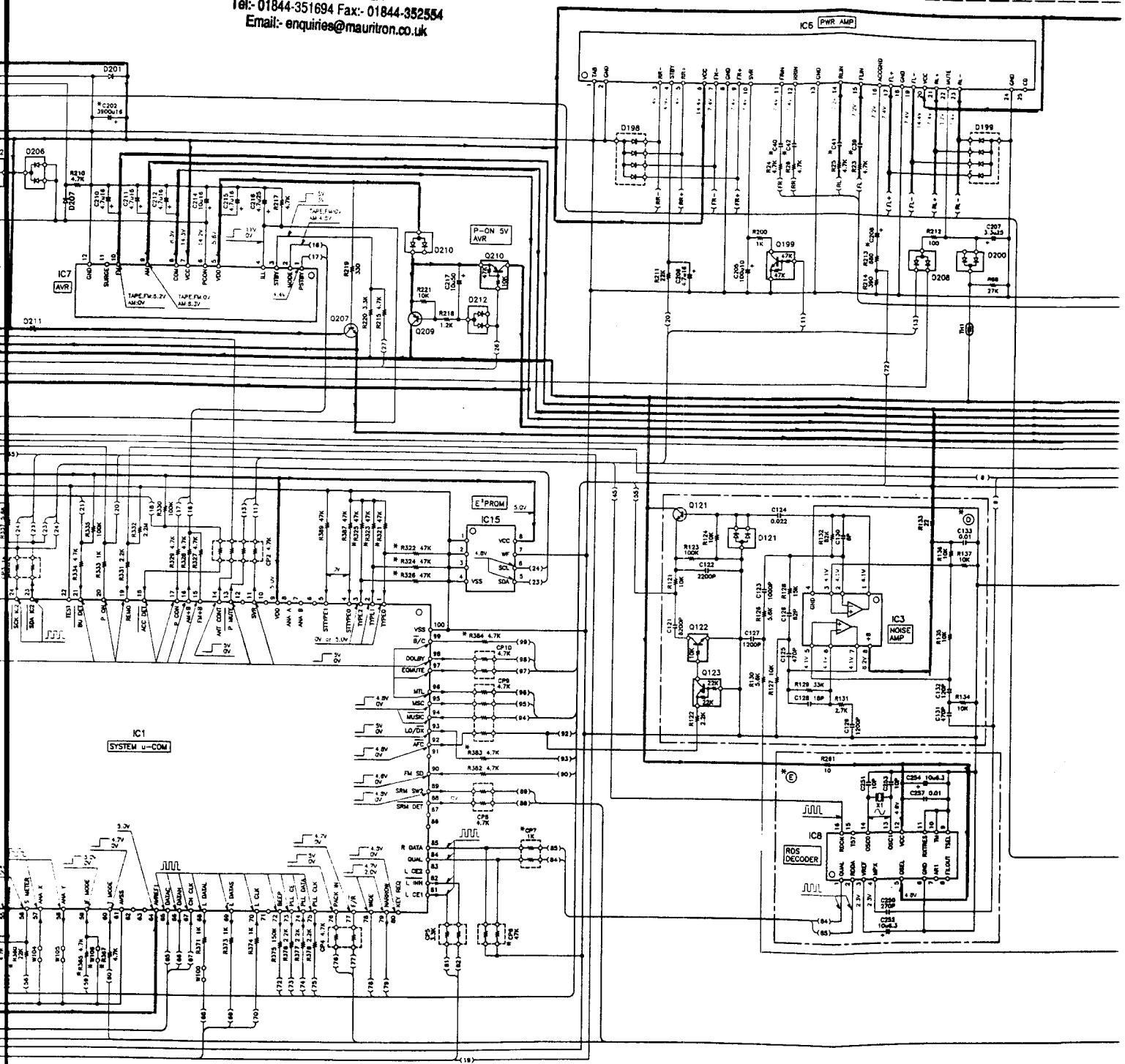
F

6

4

1

For Service Manuals Contact
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8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk



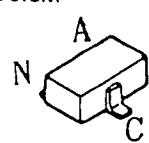
JN202K



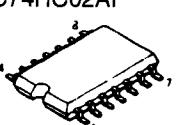
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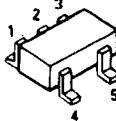
BD6 8M



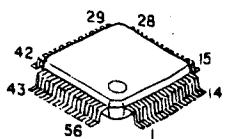
TC74HC02AE



PST9130NB

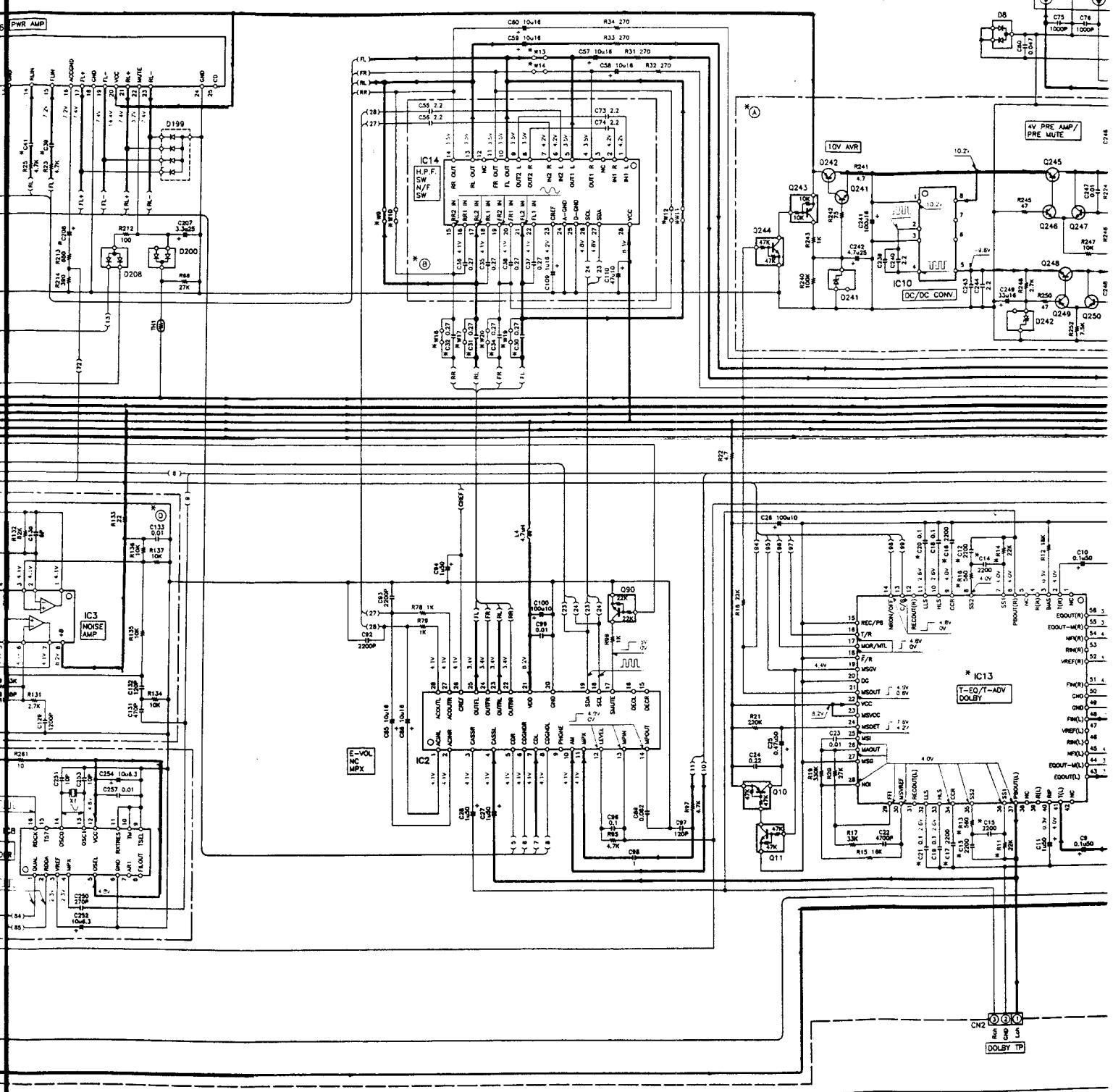


HA101025B



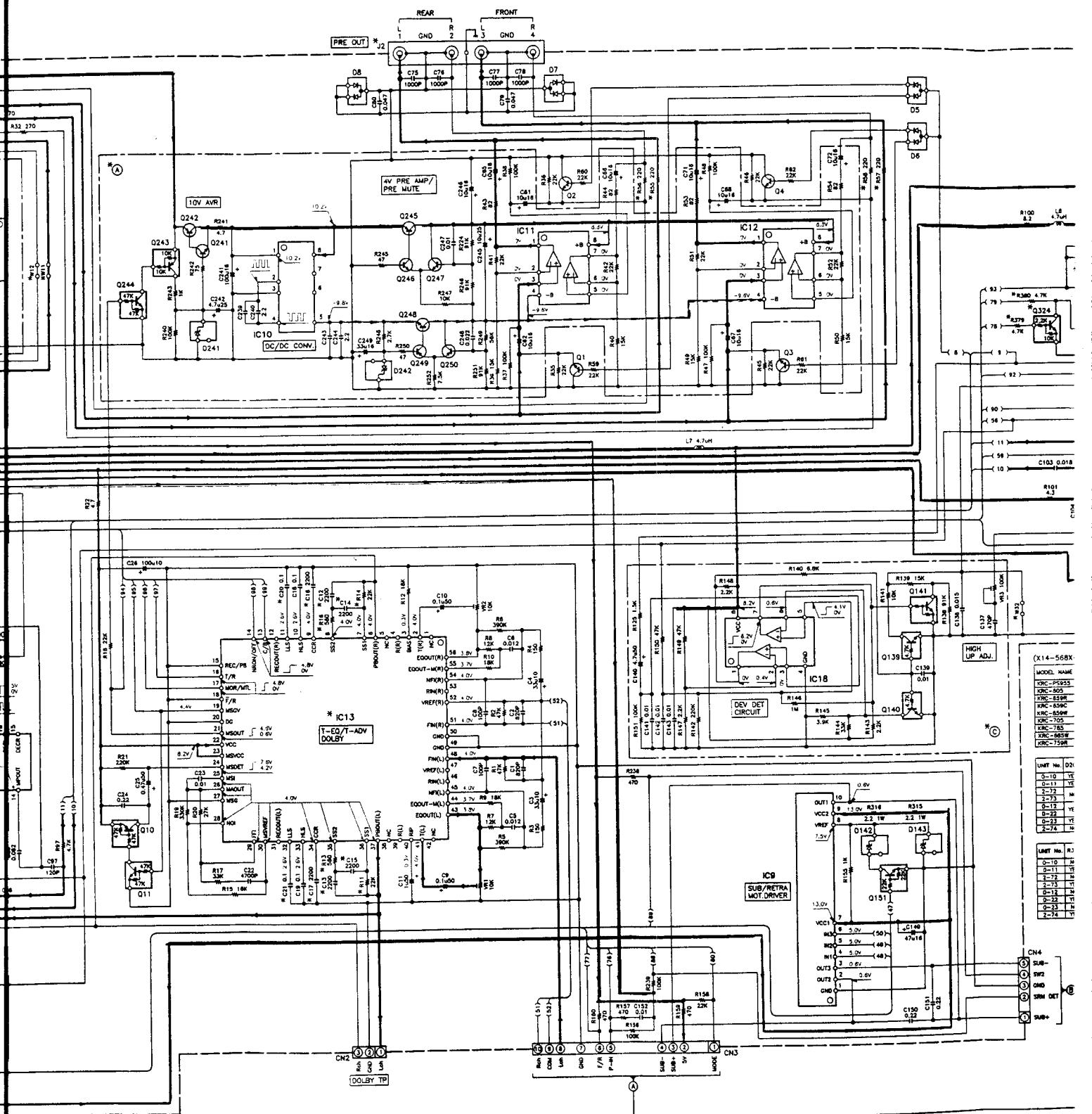
I J K L M

For Service Manuals Contact
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8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352654
Email: enquiries@mauritron.co.uk



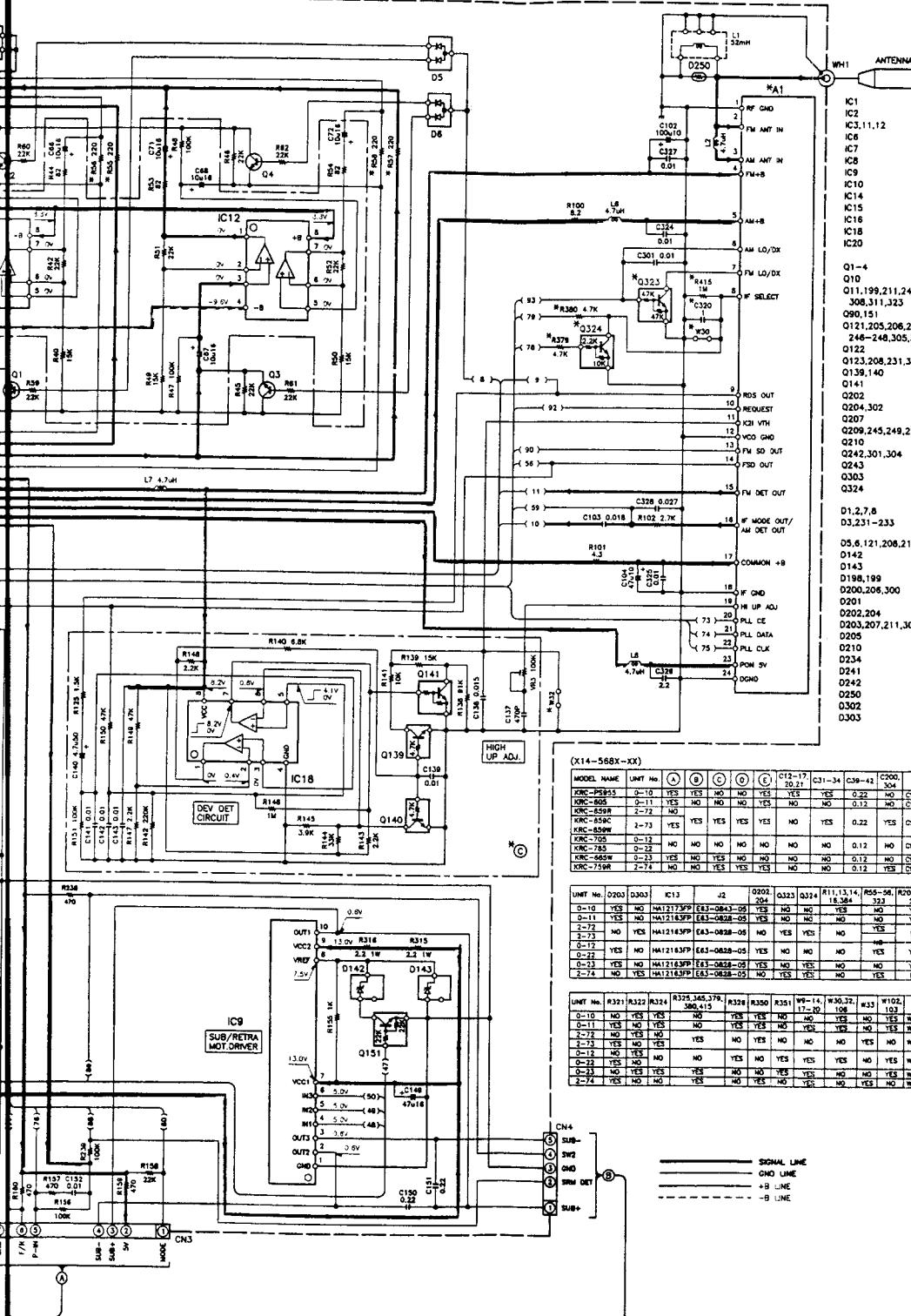
DC voltages are as measured with a high impedance voltmeter.
Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace components only with manufacturer's recom (refer to, parts list). **⚠** Indicates safety critica
To reduce the risk of electric shock, leakage resistance measurements shall be carried out and are acceptably insulated from the supply circuit
appliance is returned to the customer.



CAUTION:For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to, parts list).  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Charn. Tr. Rd. Chinnor
OX9 4DX
Tel: 01844 351591 Fax: 01844 350501
Email: mauritron@inlandnet.co.uk



(X14-568X-XX)															
MODEL NAME	UNIT NO.	(A)	(B)	(C)	(D)	(E)	C15-17	C31-34	C39-42	C200	C202	C208	C320	CP8	CP7
20.21		20.21		20.21		20.21		20.21		20.21		20.21		20.21	
KRC-PR585	0-10	YES	YES	NO	YES	YES	YES	YES	YES	NO	CPO-2854-05	1	NO	NO	NO
KRC-865	0-11	YES	NO	NO	NO	YES	NO	NO	NO	0.12	NO	CPO-2854-05	0.47	NO	NO
KRC-858	2-72	YES	NO	NO	NO	NO	NO	NO	NO	0.12	NO	CPO-2854-05	0.47	NO	NO
KRC-859C	2-73	YES	YES	YES	YES	YES	NO	YES	YES	0.12	YES	CPO-2854-05	1	YES	YES
KRC-705	0-12	NO	NO	NO	NO	NO	NO	NO	NO	0.12	NO	CPO-2854-05	0.47	NO	NO
KRC-865W	0-23	YES	NO	YES	NO	NO	NO	NO	NO	0.12	NO	CPO-7854-05	0.47	YES	YES
KRC-759R	2-74	NO	NO	YES	YES	YES	NO	NO	NO	0.12	YES	CPO-2854-05	0.47	YES	YES
UNIT NO.	D203	D303	IC13	J2	D202	A333	S374	R11,13,14	R55-56	R202,207	R128,317-319	358,383			
0-10	YES	NO	NA12143P	E81-0848-05	204	NO	NO	332	209	NO	NO	NO			
0-11	YES	NO	NA12143P	E81-0848-05	204	YES	NO	NO	NO	YES	NO	NO			
2-72	NO	YES	NA12143P	E81-0848-05	204	NO	YES	NO	NO	YES	NO	YES			
0-12	NO	YES	NA12143P	E81-0848-05	204	NO	NO	NO	NO	NO	NO	NO			
0-22	YES	NO	NA12143P	E81-0848-05	204	YES	NO	NO	NO	YES	YES	NO			
0-23	YES	NO	NA12143P	E81-0848-05	204	YES	NO	NO	NO	NO	NO	YES			

123-05
For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel- 01944-351694 Fax- 01844-352554
E-mail... enquiries@mauritron.co.uk

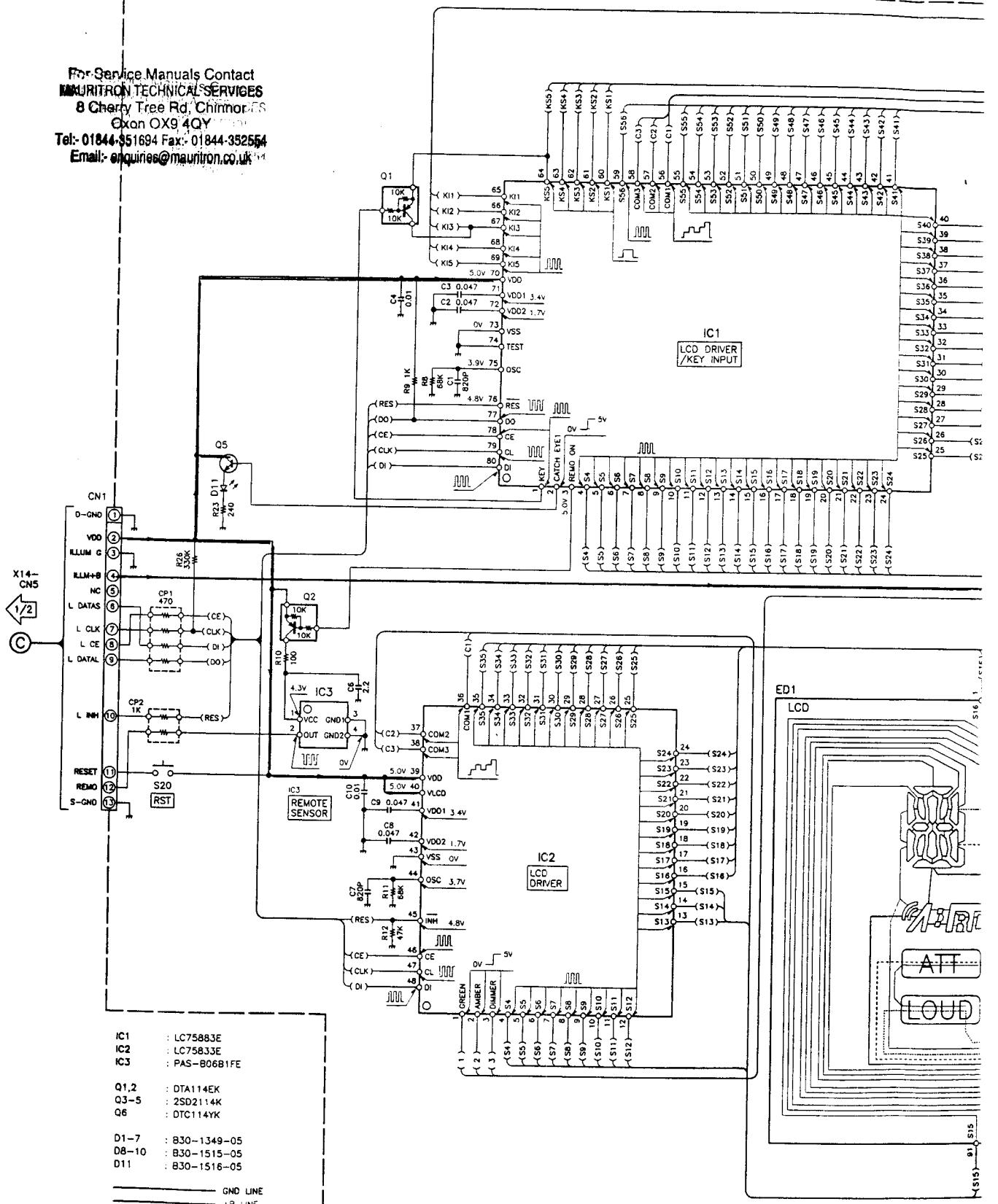
1/2

KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955

KENWOOD

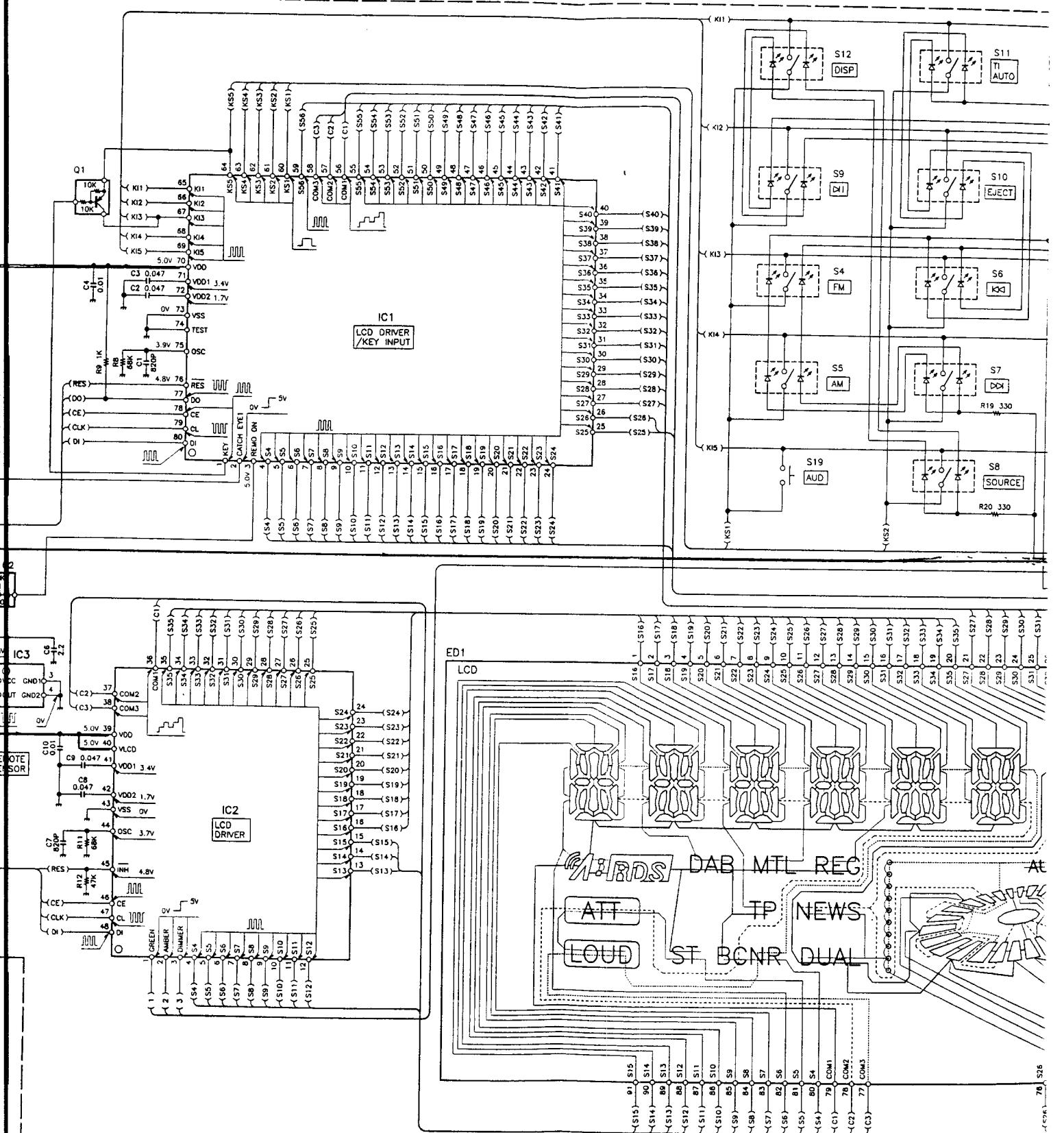
(X13-9140-10)

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor, Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk



DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

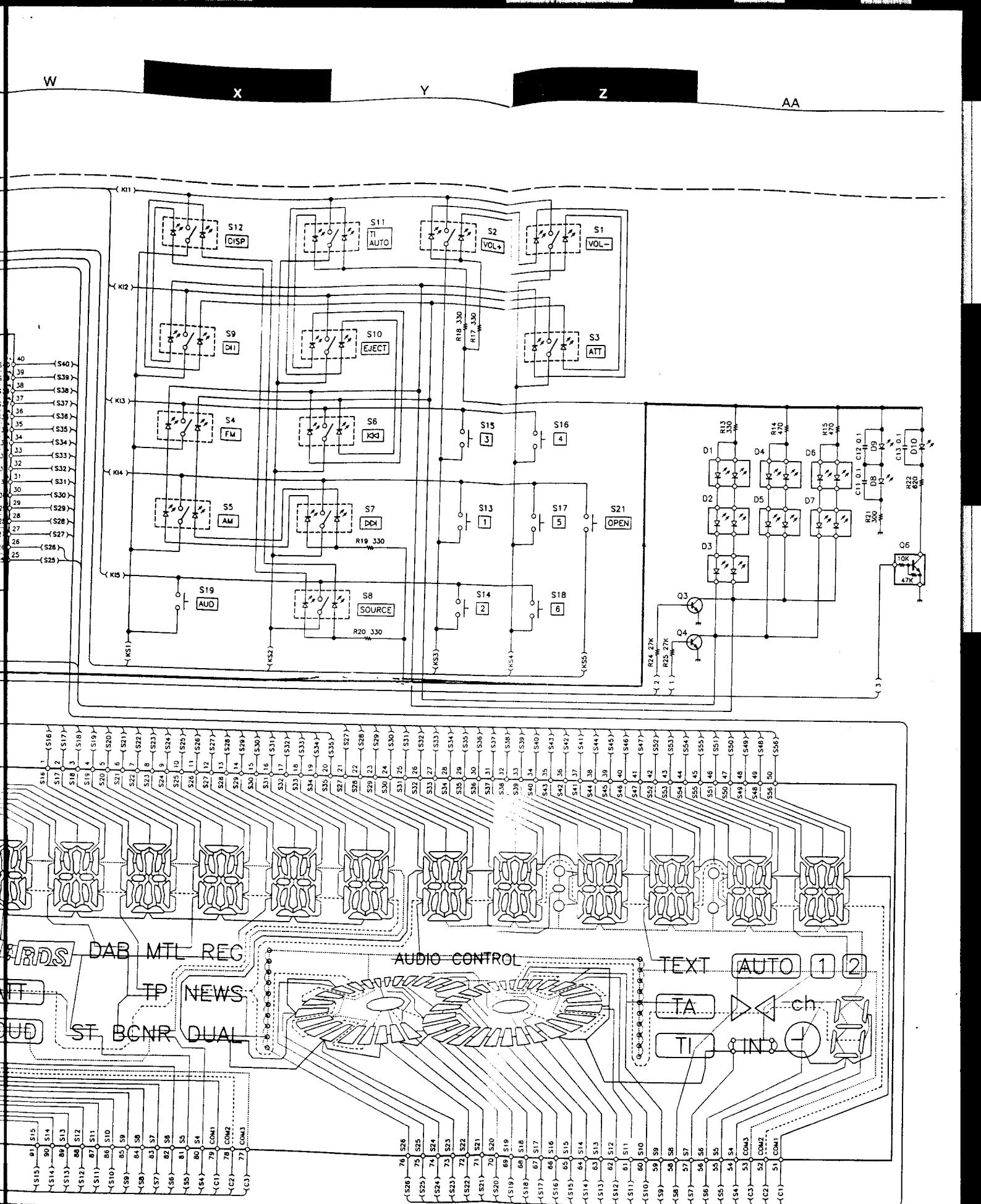
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to, parts list).  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



High impedance voltmeter.
variations between individual

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd Chinnor
Oxon OX9 4QY
Tel: 01844-351634 Fax: 01844-352554
Email: enquiries@mauritron.co.uk



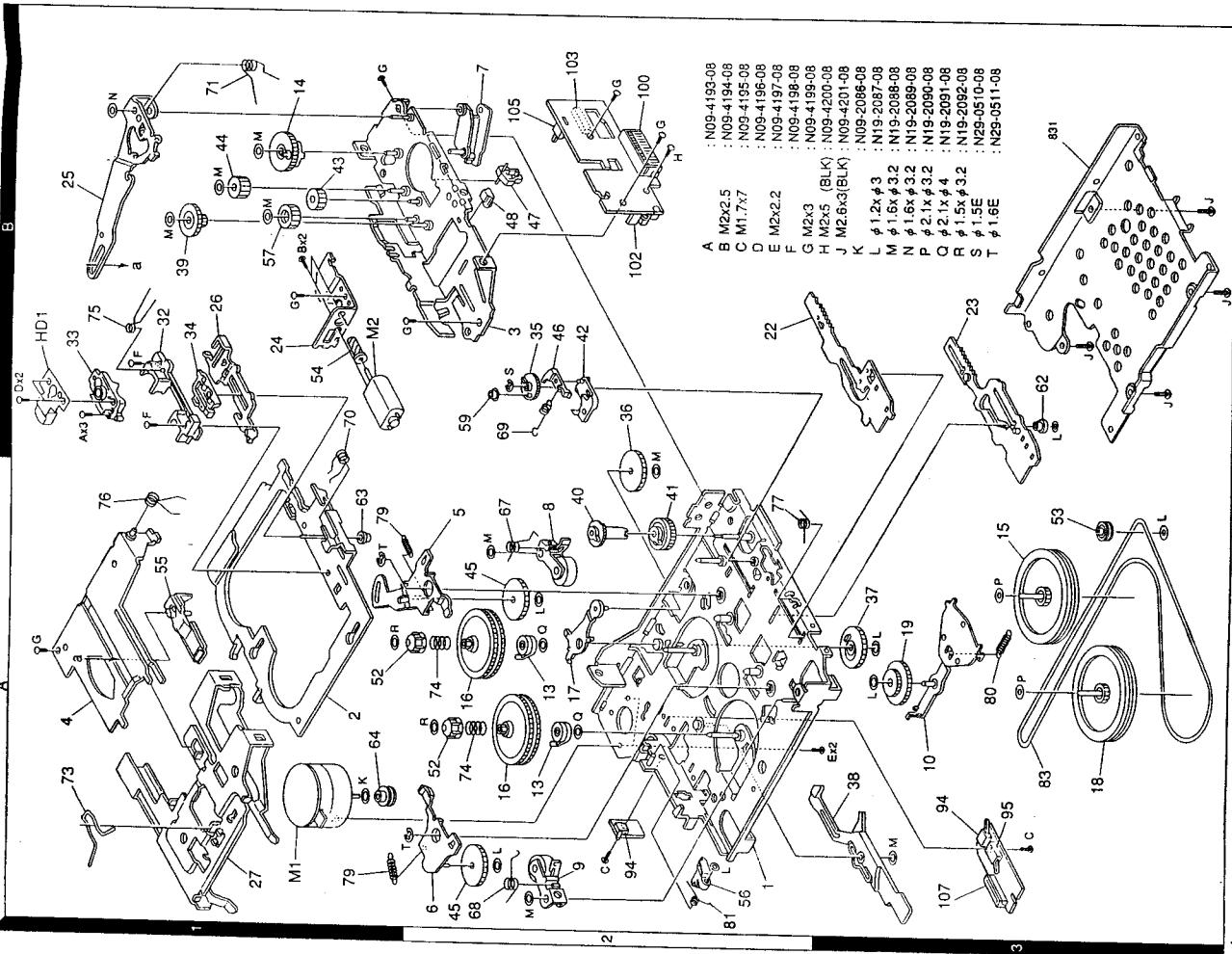
For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
 8 Cherry Tree Rd, Chinnor
 Oxon OX9 4QY
 Tel: 01844-351694 Fax: 01844-352554
 Email: enquiries@mauritron.co.uk

2/2

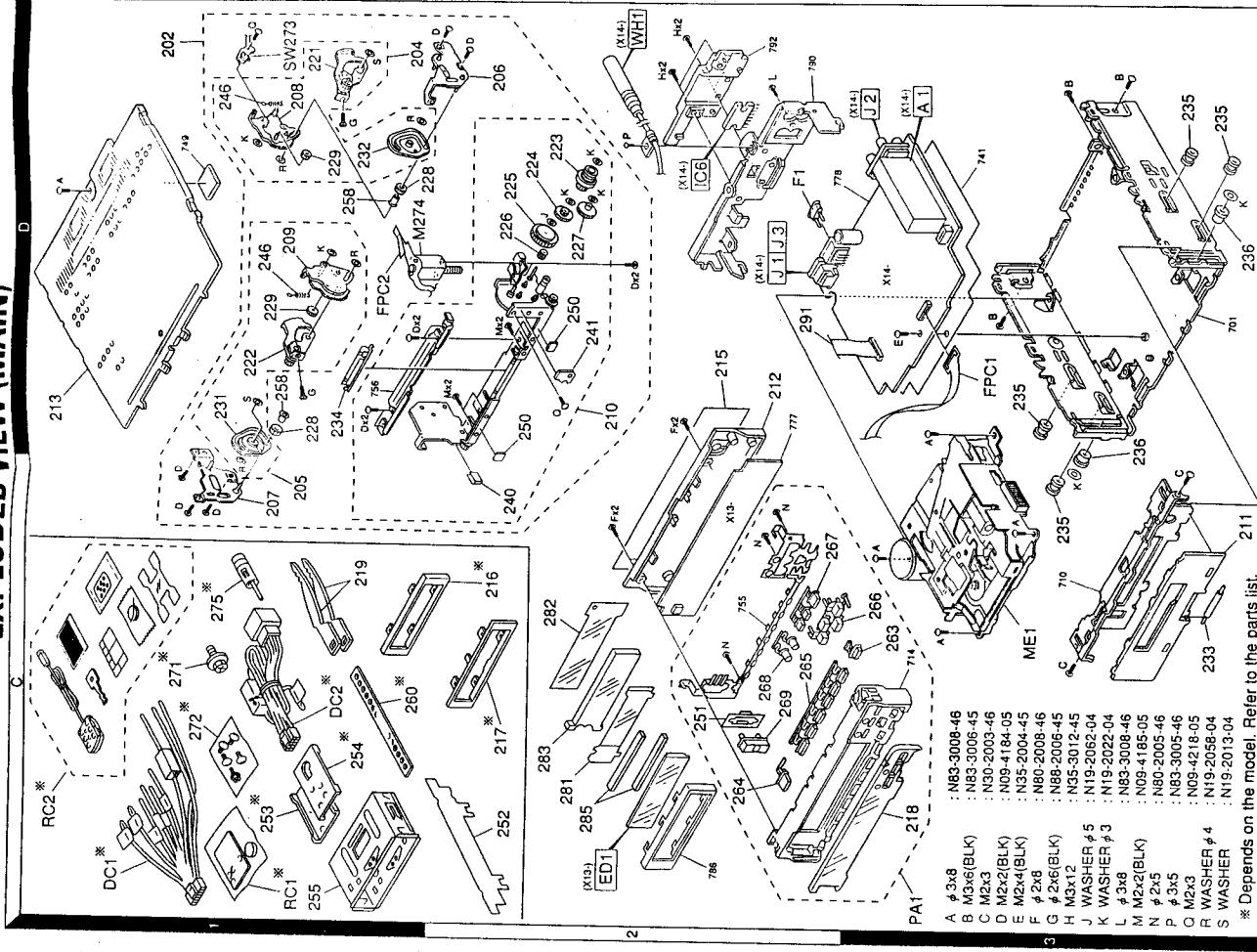
KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955

KENWOOD

**KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955
EXPLODED VIEW (MECHANISM)**



**KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955
EXPLODED VIEW (MAIN)**



For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk

Parts with the exploded numbers larger than 700 are not supplied.

Parts with the exploded numbers larger than 700 are not supplied.

* Depends on the model. Refer to the parts list.

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**KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955**

PARTS LIST

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref.No.	A d d d w	N e d w	Parts No.	Description	Dest inati on
KRC-705 /759R/RY /785 /805 /859C/CY/R/RY/W/WY /885W /PS955					
202	10	*	A10-4428-22	CHASSIS ASSY	
204	10	*	A10-4313-62	CHASSIS ASSY	
205	10	*	A10-4314-62	CHASSIS ASSY	
206	20	*	A10-4315-04	CHASSIS CALKING ASSY	
207	10	*	A10-4317-04	CHASSIS CALKING ASSY	
208	10	*	A10-4319-04	CHASSIS CALKING ASSY	
209	10	*	A10-4321-04	CHASSIS CALKING ASSY	
210	20		A10-4353-53	CHASSIS ASSY	
211	3C	*	A22-2271-03	SUB PANEL ASSY	
212	2C	*	A46-1273-02	REAR COVER	K0
212	2C	*	A46-1279-02	REAR COVER (GRAY)	E2E3E4
212	2C	*	A46-1279-02	REAR COVER (GRAY)	E5E8E9
212	2C	*	A46-1279-02	REAR COVER (GRAY)	K1K2M2
212	2C	*	A46-1280-02	REAR COVER (BROWN)	E6E7
212	2C	*	A46-1280-02	REAR COVER (BROWN)	M3
213	10		A52-0708-12	TOP PLATE	
PA1	3C	*	A64-1187-02	PANEL ASSY	K0
PA1	3C	*	A64-1188-02	PANEL ASSY	K1
PA1	3C	*	A64-1189-02	PANEL ASSY	K2
PA1	3C	*	A64-1191-02	PANEL ASSY	M2
PA1	3C	*	A64-1192-02	PANEL ASSY	M3
PA1	3C	*	A64-1194-02	PANEL ASSY	E2E3
PA1	3C	*	A64-1195-02	PANEL ASSY	E4E5
PA1	3C	*	A64-1196-02	PANEL ASSY	E6E7
PA1	3C	*	A64-1197-02	PANEL ASSY	E8E9
RC1	1C	*	A70-0860-05	REMOTE CONTROLLER ASSY(CA-R6	KOK1M2
RC1	1C	*	A70-0860-05	REMOTE CONTROLLER ASSY(CA-R6	M3
RC2	1C	*	A70-0874-05	REMOTE CONTROLLER ASSY	E2E3E4
RC2	1C	*	A70-0874-05	REMOTE CONTROLLER ASSY	E5E6E7
215	2D	*	B03-3026-03	DRESSING SEAL	K0
215	2D	*	B03-3027-03	DRESSING SEAL (GRAY)	E2E3E8
215	2D	*	B03-3027-03	DRESSING SEAL (GRAY)	E9
215	2D	*	B03-3027-03	DRESSING SEAL (GRAY)	K1K2M2
215	2D	*	B03-3029-03	DRESSING SEAL (WOODY)	E6E7
215	2D	*	B03-3029-03	DRESSING SEAL (WOODY)	M3
215	2D	*	B03-3030-03	DRESSING SEAL (CARBONISH)	E4E5
216	1C	*	B07-2113-03	ESCUTCHEON ASSY	K0
216	1C	*	B07-2114-03	ESCUTCHEON ASSY	E4E5
216	1C	*	B07-2115-03	ESCUTCHEON ASSY	E6E7
216	1C	*	B07-2115-03	ESCUTCHEON ASSY	M3
216	1C	*	B07-2115-03	ESCUTCHEON ASSY	E2E3E8
216	1C	*	B07-2118-03	ESCUTCHEON ASSY	E9
216	1C	*	B07-2118-03	ESCUTCHEON ASSY	K1K2M2
217	1C	*	B07-2096-72	ESCUTCHEON (BLK)	K0
217	1C	*	B07-2116-02	ESCUTCHEON (CF(W))	M3
217	1C	*	B07-2117-02	ESCUTCHEON (GRAY)	K1K2M2
218	3C	*	B10-2813-01	FRONT GLASS	K0
218	3C	*	B10-2814-01	FRONT GLASS	K1
218	3C	*	B10-2815-01	FRONT GLASS	K2
218	3C	*	B10-2817-01	FRONT GLASS	M2
218	3C	*	B10-2818-01	FRONT GLASS	M3
218	3C	*	B10-2820-01	FRONT GLASS	E2E3
218	3C	*	B10-2821-01	FRONT GLASS	E4E5

Ref.No.	A d d d w	N e d w	Parts No.	Description	Dest inati on
218	3C	*	B10-2822-01	FRONT GLASS	E6E7
218	3C	*	B10-2823-01	FRONT GLASS	E8E9
-			B46-0100-50	WARRANTY CARD	KOK1K2
-			B46-0100-50	WARRANTY CARD	M2M3
-			B46-0100-50	WARRANTY CARD	E2E4E6
-			B46-0100-50	WARRANTY CARD	E8
-			B46-0172-13	QUESTIONNAIRE CARD	KOK1K2
-			B46-0612-14	ID CARD	E2E3E4
-			B46-0612-14	ID CARD	E5E6E7
-			B46-0612-14	ID CARD	E8E9
-			B46-0612-14	ID CARD	M2M3
-			B58-1255-04	CAUTION CARD (SRM)	KOK1K2
-			B58-1255-04	CAUTION CARD (SRM)	M2M3
-			B58-1255-04	CAUTION CARD (SRM)	E2E4E6
-			B58-1255-04	CAUTION CARD (SRM)	E8
-			* B58-1278-04	CAUTION CARD	KOK1K2
-			* B58-1278-04	CAUTION CARD	M2M3
-			* B58-1278-04	CAUTION CARD	E2E4E6
-			* B58-1278-04	CAUTION CARD	E8
-			B58-1282-04	CAUTION CARD (SRM)	E9
-			B58-1282-04	CAUTION CARD (SRM)	E3E5E7
-			B58-1283-04	CAUTION CARD	E9
-			B58-1283-04	CAUTION CARD	E3E5E7
-			* B64-1157-00	INST. MANUAL(ENG.,FRE.,SPA.)	KOK1K2
-			* B64-1158-00	INST. MANUAL (ENG.,CHI.)	M2M3
-			* B64-1159-00	INST. MANUAL (ENG.,FRE.)	E2E4E6
-			* B64-1159-00	INST. MANUAL (ENG.,FRE.)	E8
-			* B64-1160-00	INST. MANUAL (GER.,ITA.)	E2E4E6
-			* B64-1160-00	INST. MANUAL (GER.,ITA.)	E8
-			* B64-1161-00	INST. MANUAL (DUT.,POR.)	E2E4E6
-			* B64-1161-00	INST. MANUAL (DUT.,POR.)	E8
-			* B64-1162-00	INST. MANUAL (SPA.)	E2E4E6
-			* B64-1162-00	INST. MANUAL (SPA.)	E8
-			* B64-1163-00	INST. MANUAL (ENG.,RUS.)	E3E5E7
-			* B64-1163-00	INST. MANUAL (ENG.,RUS.)	E9
-			* B64-1164-00	INST. MANUAL (POL.,CZE.)	E3E5E7
-			* B64-1164-00	INST. MANUAL (POL.,CZE.)	E9
219	1C		010-4067-14	LEVER	
221	1D		010-4139-13	ARM ASSY	
222	1D		010-4140-13	ARM ASSY	
223	2D		013-1302-64	GEAR ASSY	
224	1D		013-1306-14	GEAR	
225	2D		013-1348-03	GEAR	
226	2D		013-1349-04	GEAR	
227	2D		013-1350-04	GEAR	
228	1D		013-1312-24	GEAR	
229	2D		013-1313-04	GEAR	
231	1D		013-1320-13	GEAR ASSY	
232	1D		013-1321-13	GEAR ASSY	
233	3C		014-0676-04	ROLLER	
234	1D		014-0678-04	ROLLER ASSY	
235	3D		014-0680-34	ROLLER	
236	3D		014-0681-34	ROLLER	
ME1	3C	*	040-1082-15	CASSETTE MECHANISM ASSY	

E: Europe K: North America M: Other Areas

W: Without Europe

▲ indicates safety critical components.

E2: KRC-859R

E3: KRC-859RY

E4: KRC-859C

E5: KRC-859CY

E6: KRC-859W

E7: KRC-859WY

E8: KRC-759R

E9: KRC-759RY

E10: KRC-759W

K0: KRC-PS955

K1: KRC-805

K2: KRC-705

M2: KRC-785

M3: KRC-885W

PARTS LIST

New Parts

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Ref.No.	A d d d w	N e e e w	Parts No.	Description			Dest inati on
R13			RK73EB2B331J	CHIP R	330	J 1/8W	
R14 , 15			RK73EB2B471J	CHIP R	470	J 1/8W	
R17 - 20			RK73EB2B331J	CHIP R	330	J 1/8W	
R21			RK73EB2B301J	CHIP R	300	J 1/8W	
R22			RK73EB2B621J	CHIP R	620	J 1/8W	
R23			RK73EB2B241J	CHIP R	240	J 1/8W	
R24 , 25			RK73FB2A273J	CHIP R	27K	J 1/10W	
R26			RK73FB2A334J	CHIP R	330K	J 1/10W	
S1 - 12			S70-0839-05	TACT SWITCH			
S13 - 20			S70-0813-05	TACT SWITCH			
S21			S70-0821-05	TACT SWITCH			
C1			LC75883E	MOS-IC			
C2			LC75833E	MOS-IC			
C3			PAS-B06B1FE	ANALOGUE IC			
01 , 2			DTA114EK	DIGITAL TRANSISTOR			
01 , 2			UN2111	DIGITAL TRANSISTOR			
03 - 5			2SD2114K	TRANSISTOR			
06			DTC114YK	DIGITAL TRANSISTOR			
06			UN2214	DIGITAL TRANSISTOR			

SYNTHESIZER UNIT(X14-568X-XX)

01 , 2			CK73FB1H821K	CHIP C	820PF	K	
03 , 4			C90-2857-05	ELECTRO	33UF	10WV	
05 , 6			CK73FB1H123K	CHIP C	0.012UF	K	
07 , 8			CC73FCH1H101J	CHIP C	100PF	J	
09 , 10			C90-2602-05	ELECTRO	0.10UF	50WV	
011			C90-2608-05	ELECTRO	1.0UF	50WV	
012 - 17			CK73FB1H222K	CHIP C	2200PF	K	KO
018 - 21			CK73FB1C104K	CHIP C	0.10UF	K	KO
018 , 19			CK73FB1C104K	CHIP C	0.10UF	K	E2E3E4
018 , 19			CK73FB1C104K	CHIP C	0.10UF	K	E5E6E7
018 , 19			CK73FB1C104K	CHIP C	0.10UF	K	
022			CK73FB1C224K	CHIP C	0.22UF	K	
026			C90-2606-05	ELECTRO	0.47UF	50WV	
027 , 28			CE04CW1A101M	ELECTRO	100UF	10WV	
031 - 38			C90-2608-05	ELECTRO	1.0UF	50WV	
031 - 38			CK73FB1C274K	CHIP C	0.27UF	K	E2E3E4
031 - 38			CK73FB1C274K	CHIP C	0.27UF	K	E5E6E7
039 - 42			CK73FB1C124K	CHIP C	0.12UF	K	
039 - 42			CK73FB1C124K	CHIP C	0.12UF	K	E8E9
039 - 42			CK73FB1C124K	CHIP C	0.12UF	K	K1K2M2
039 - 42			CK73FB1C124K	CHIP C	0.12UF	K	M3
039 - 42			CK73FB1C224K	CHIP C	0.22UF	K	
039 - 42			CK73FB1C224K	CHIP C	0.22UF	K	E2E3E4
039 - 42			CK73FB1C224K	CHIP C	0.22UF	K	E5E6E7
047 - 54			CK73FB1H153KTA	CHIP C	0.015UF	K	E2E3E4
047 - 54			CK73FB1H153KTA	CHIP C	0.015UF	K	E5E6E7
047 - 54			CK73FB1H153KTA	CHIP C	0.015UF	K	
047 - 54			CK73FB1H153KTA	CHIP C	0.015UF	K	
055 , 56			CK73EB1C225K	CHIP C	2.2UF	K	E2E3E4
055 , 56			CK73EB1C225K	CHIP C	2.2UF	K	E5E6E7
055 , 56			CK73EB1C225K	CHIP C	2.2UF	K	
055 , 56			CK73EB1C225K	CHIP C	2.2UF	K	KO

Ref.No.	A d d d w	N e e e w	Parts No.	Description			Dest inati on
C57 - 60			C92-0671-05	ELECTRO	10UF	16WV	
C61 , 62			C90-2597-05	ELECTRO	10UF	16WV	E4E5E6
C61 , 62			C90-2597-05	ELECTRO	10UF	16WV	E7
C61 , 62			C90-2597-05	ELECTRO	10UF	16WV	KOK1M3
C65 - 68			C90-2597-05	ELECTRO	10UF	16WV	E4E5E6
C65 - 68			C90-2597-05	ELECTRO	10UF	16WV	E7
C65 - 68			C90-2597-05	ELECTRO	10UF	16WV	KOK1M3
C71 , 72			C90-2597-05	ELECTRO	10UF	16WV	E4E5E6
C71 , 72			C90-2597-05	ELECTRO	10UF	16WV	E7
C71 , 72			C90-2597-05	ELECTRO	10UF	16WV	KOK1M3
C73 , 74			CK73EB1C225K	CHIP C	2.2UF	K	E2E3E4
C73 , 74			CK73EB1C225K	CHIP C	2.2UF	K	E5E6E7
C73 , 74			CK73EB1C225K	CHIP C	2.2UF	K	KO
C75 - 78			CK73FB1H102K	CHIP C	1000PF	K	
C79 , 80			CK73FB1E473KTA	CHIP C	0.047UF	K	
C85 , 86			C92-0671-05	ELECTRO	10UF	16WV	
C89			CK73FB1C823K	CHIP C	0.082UF	K	
C92 , 93			CK73FB1H222K	CHIP C	2200PF	K	
C94			C92-0686-05	ELECTRO	1UF	50WV	
C96			CK73FB1C104K	CHIP C	0.10UF	K	
C97			CC73FCH1H121J	CHIP C	120PF	J	
C98			CK73EB1C105K	CHIP C	1.0UF	K	
C99			CK73FB1H103K	CHIP C	0.010UF	K	
C100			CE04CW1A101M	ELECTRO	100UF	10WV	
C102			CE04DW1A101M	ELECTRO	100UF	10WV	
C103			CK73FB1H183KTA	CHIP C	0.018UF	K	
C104			C90-2990-05	ELECTRO	47UF	10WV	
C109			C92-0686-05	ELECTRO	1UF	50WV	E2E3E4
C109			C92-0686-05	ELECTRO	1UF	50WV	E5E6E7
C109			C92-0686-05	ELECTRO	1UF	50WV	KO
C110			CE04CW1A470M	ELECTRO	47UF	10WV	E2E3E4
C110			CE04CW1A470M	ELECTRO	47UF	10WV	E5E6E7
C110			CE04CW1A470M	ELECTRO	47UF	10WV	KO
C121			CK73FB1H822K	CHIP C	8200PF	K	E2E3E4
C121			CK73FB1H822K	CHIP C	8200PF	K	E5E6E7
C121			CK73FB1H822K	CHIP C	8200PF	K	
C122			CK73FB1H222K	CHIP C	2200PF	K	E2E3E4
C122			CK73FB1H222K	CHIP C	2200PF	K	E5E6E7
C122			CK73FB1H222K	CHIP C	2200PF	K	
C123			CK73FB1H102K	CHIP C	1000PF	K	E5E6E7
C123			CK73FB1H102K	CHIP C	1000PF	K	
C124			CK73FB1H223KTA	CHIP C	0.022UF	K	E2E3E4
C124			CK73FB1H223KTA	CHIP C	0.022UF	K	E5E6E7
C124			CK73FB1H223KTA	CHIP C	0.022UF	K	
C125			CK73FB1H471K	CHIP C	470PF	K	E2E3E4
C125			CK73FB1H471K	CHIP C	470PF	K	E5E6E7
C125			CK73FB1H471K	CHIP C	470PF	K	
C126			CC73FCH1H820J	CHIP C	82PF	J	E2E3E4
C126			CC73FCH1H820J	CHIP C	82PF	J	E5E6E7
C126			CC73FCH1H820J	CHIP C	82PF	J	
C127			CK73FB1H122K	CHIP C	1200PF	K	E2E3E4
C127			CK73FB1H122K	CHIP C	1200PF	K	E5E6E7
C127			CK73FB1H122K	CHIP C	1200PF	K	
C128			CC73FCH1H180J	CHIP C	18PF	J	E2E3E4

E2: KRC-859R E5: KRC-859CY E8: KRC-759R KO: KRC-PS955 M2: KRC-785

E3: KRC-859RY E6: KRC-859W E9: KRC-759RY K1: KRC-805 M3: KRC-885W

E4: KRC-859C E7: KRC-859WY K2: KRC-705

E: Europe K: North America M: Other Areas

W: Without Europe

! indicates safety critical components.

KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

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PARTS LIST

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk

SYNTHESIZER UNIT(X14-568X-XX)

Ref.No.	A d d	N e w	Parts No.	Description			Dest inati on	Ref.No.	A d d	N e w	Parts No.	Description			Dest inati on
C128			CC73FCH1H180J	CHIP C	18PF	J	E5E6E7	C208			C90-2608-05	ELECTRO	1.0UF	50WV	E2E3E4
C128			CC73FCH1H180J	CHIP C	18PF	J	E8E9	C208			C90-2608-05	ELECTRO	1.0UF	50WV	E5E6E7
C129			CK73FB1H122K	CHIP C	1200PF	K	E2E3E4	C208			C90-2608-05	ELECTRO	1.0UF	50WV	KO
C129			CK73FB1H122K	CHIP C	1200PF	K	E5E6E7	C210-212			C90-2595-05	ELECTRO	4.7UF	16WV	
C129			CK73FB1H122K	CHIP C	1200PF	K	E8E9	C214			C90-2597-05	ELECTRO	10UF	16WV	
C130			CC73FCH1H060D	CHIP C	6.0PF	D	E2E3E4	C215			C90-2595-05	ELECTRO	4.7UF	16WV	
C130			CC73FCH1H060D	CHIP C	6.0PF	D	E5E6E7	C216			C90-2599-05	ELECTRO	4.7UF	25WV	
C130			CC73FCH1H060D	CHIP C	6.0PF	D	E8E9	C217	*		C92-0667-05	ELECTRO	10UF	10WV	
C131			CK73FB1H471K	CHIP C	470PF	K	E2E3E4	C230			CK73FB1H103K	CHIP C	0.010UF	K	
C131			CK73FB1H471K	CHIP C	470PF	K	E5E6E7	C235, 236			C90-2608-05	ELECTRO	1.0UF	50WV	
C131			CK73FB1H471K	CHIP C	470PF	K	E8E9	C237, 238			CEO4CWOJ470M	ELECTRO	47UF	6.3WV	
C132			CC73FCH1H121J	CHIP C	120PF	J	E2E3E4	C239, 240			CK73EB1C225K	CHIP C	2.2UF	K	E4E5E6
C132			CC73FCH1H121J	CHIP C	120PF	J	E5E6E7	C239, 240			CK73EB1C225K	CHIP C	2.2UF	K	E7
C132			CC73FCH1H121J	CHIP C	120PF	J	E8E9	C239, 240			CK73EB1C225K	CHIP C	2.2UF	K	KOK1M3
C133			CK73FB1H103K	CHIP C	0.010UF	K	E2E3E4	C241	*		C90-2962-05	ELECTRO	100UF	16WV	E4E5E6
C133			CK73FB1H103K	CHIP C	0.010UF	K	E5E6E7	C241	*		C90-2962-05	ELECTRO	100UF	16WV	E7
C137			CK73FB1H471K	CHIP C	470PF	K	E2E3E4	C242			C92-0675-05	ELECTRO	4.7UF	25WV	E4E5E6
C137			CK73FB1H471K	CHIP C	470PF	K	E5E6E7	C242			C92-0675-05	ELECTRO	4.7UF	25WV	E7
C137			CK73FB1H471K	CHIP C	470PF	K	E8E9	C242			C92-0675-05	ELECTRO	4.7UF	25WV	KOK1M3
C137			CK73FB1H471K	CHIP C	470PF	K	M3	C243, 244			CK73EB1C225K	CHIP C	2.2UF	K	E4E5E6
C138			CK73FB1H153KTA	CHIP C	0.015UF	K	E2E3E4	C243, 244			CK73EB1C225K	CHIP C	2.2UF	K	E7
C138			CK73FB1H153KTA	CHIP C	0.015UF	K	E5E6E7	C243, 244			CK73EB1C225K	CHIP C	2.2UF	K	KOK1M3
C138			CK73FB1H153KTA	CHIP C	0.015UF	K	E8E9	C245			CEO4CW1E100M	ELECTRO	10UF	25WV	E4E5E6
C138			CK73FB1H153KTA	CHIP C	0.015UF	K	M3	C245			CEO4CW1E100M	ELECTRO	10UF	25WV	E7
C139			CK73FB1H103K	CHIP C	0.010UF	K	E2E3E4	C245			CEO4CW1E100M	ELECTRO	10UF	25WV	KOK1M3
C139			CK73FB1H103K	CHIP C	0.010UF	K	E5E6E7	C246			C90-2597-05	ELECTRO	10UF	16WV	E4E5E6
C139			CK73FB1H103K	CHIP C	0.010UF	K	E8E9	C246			C90-2597-05	ELECTRO	10UF	16WV	E7
C140			C92-0675-05	ELECTRO	4.7UF	25WV	E2E3E4	C247			CK73FB1H103K	CHIP C	0.010UF	K	E4E5E6
C140			C92-0675-05	ELECTRO	4.7UF	25WV	E5E6E7	C247			CK73FB1H103K	CHIP C	0.010UF	K	E7
C140			C92-0675-05	ELECTRO	4.7UF	25WV	E8E9	C247			CK73FB1H103K	CHIP C	0.010UF	K	KOK1M3
C140-143			CK73FB1H103K	CHIP C	0.010UF	K	E2E3E4	C248			CK73FB1H223KTA	CHIP C	0.022UF	K	E4E5E6
C140-143			CK73FB1H103K	CHIP C	0.010UF	K	E5E6E7	C248			CK73FB1H223KTA	CHIP C	0.022UF	K	E7
C141-143			CK73FB1H103K	CHIP C	0.010UF	K	E8E9	C249			CK73FB1H223KTA	CHIP C	0.022UF	K	KOK1M3
C141-143			CK73FB1H103K	CHIP C	0.010UF	K	M3	C249			CK73FB1H103K	CHIP C	0.010UF	K	E4E5E6
C141-143			CK73FB1H103K	CHIP C	0.010UF	K	M3	C249			CK73FB1H103K	CHIP C	0.010UF	K	E7
C149			CEO4CW1C470M	ELECTRO	47UF	16WV		C249			CEO4CW1C330M	ELECTRO	33UF	16WV	E4E5E6
C150, 151			CK73FB1C224K	CHIP C	0.22UF	K		C249			CEO4CW1C330M	ELECTRO	33UF	16WV	KOK1M3
C152			CK73FB1H103K	CHIP C	0.010UF	K		C250			CEO4CW1C330M	ELECTRO	33UF	16WV	E2E3E4
C200			CK73FB1H103K	CHIP C	0.010UF	K	E2E3E4	C250			CK73FB1H331J	CHIP C	330PF	J	E5E6E7
C200			CK73FB1H103K	CHIP C	0.010UF	K	E5E6E7	C250			CK73FB1H331J	CHIP C	330PF	J	E5E6E7
C201	*		C92-0686-05	ELECTRO	1UF	50WV		C251			CK73FB1H331J	CHIP C	330PF	J	E8E9
C202			C90-2822-05	ELECTRO	3900UF	16WV	KO	C251			CK73FB1H1000D	CHIP C	10PF	D	E2E3E4
C202			C90-2856-05	ELECTRO	3900UF	16WV	E2E3E4	C251			CK73FB1H1000D	CHIP C	10PF	D	E5E6E7
C202			C90-2856-05	ELECTRO	3900UF	16WV	E5E6E7	C251			CK73FB1H1000D	CHIP C	10PF	D	E8E9
C202			C90-2856-05	ELECTRO	3900UF	16WV	K1K2M2	C252			CK73FB1H1000D	CHIP C	10PF	D	E2E3E4
C202			C90-2856-05	ELECTRO	3900UF	16WV	M3	C252			C90-2592-05	ELECTRO	10UF	6.3WV	E5E6E7
C202			C90-2856-05	ELECTRO	3900UF	16WV	M3	C252			C90-2592-05	ELECTRO	10UF	6.3WV	E8E9
C203, 204			CK73FB1H103K	CHIP C	0.010UF	K		C252			C90-2592-05	ELECTRO	10UF	6.3WV	KOK1
C205			CEO4CW1A101M	ELECTRO	100UF	10WV		C252			C90-2592-05	ELECTRO	10UF	6.3WV	KOK1
C206			C90-2595-05	ELECTRO	4.7UF	16WV		C253			CK73FB1H1000D	CHIP C	10PF	D	E2E3E4
C207			C90-2598-05	ELECTRO	3.3UF	25WV		C253			CK73FB1H1000D	CHIP C	10PF	D	E5E6E7
C208			C90-2606-05	ELECTRO	0.47UF	50WV	E8E9	C253			CK73FB1H1000D	CHIP C	10PF	D	E8E9
C208			C90-2606-05	ELECTRO	0.47UF	50WV	K1K2M2	C253			CK73FB1H1000D	CHIP C	10PF	D	KOK1
C208			C90-2606-05	ELECTRO	0.47UF	50WV	M3	C254			C90-2592-05	ELECTRO	10UF	6.3WV	E2E3E4

E: Europe K: North America M: Other Areas

W: Without Europe

▲ indicates safety critical components.

E2: KRC-859R

E3: KRC-859RY

E4: KRC-859C

E5: KRC-859CY

E6: KRC-859W

E7: KRC-859WY

E8: KRC-759R

E9: KRC-759RY

E10: KRC-759W

K0: KRC-PS955

K1: KRC-805

K2: KRC-705

M2: KRC-785

M3: KRC-885W

PARTS LIST

SYNTHESIZER UNIT(X14-568X-XX)

***New Parts**

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref.No.	A d d	N e w	Parts No.	Description			Dest inati on
C254			C90-2592-05	ELECTRO	10UF	6.3WV	E5E6E7
C254			C90-2592-05	ELECTRO	10UF	6.3WV	E8E9
C254			C90-2592-05	ELECTRO	10UF	6.3WV	K0K1
C257			CK73FB1H103K	CHIP C	0.010UF	K	E2E3E4
C257			CK73FB1H103K	CHIP C	0.010UF	K	E5E6E7
C257			CK73FB1H103K	CHIP C	0.010UF	K	E8E9
C257			CK73FB1H103K	CHIP C	0.010UF	K	K0K1
C301, 302			CK73FB1H103K	CHIP C	0.010UF	K	
C303			CK73EB1C105K	CHIP C	1.0UF	K	
C304			CK73FB1H103K	CHIP C	0.010UF	K	E2E3E4
C304			CK73FB1H103K	CHIP C	0.010UF	K	E5E6E7
C305			CK73FB1H472K	CHIP C	4700PF	K	E8E9
C307			CE04CWOJ331M	ELECTRO	330UF	6.3WV	
C308			CK73FB1H103K	CHIP C	0.010UF	K	
C309, 310			CC73FCH1H220J	CHIP C	22PF	J	
C320			CK73EB1C105K	CHIP C	1.0UF	K	E2E3E4
C320			CK73EB1C105K	CHIP C	1.0UF	K	E5E6E7
C320			CK73EB1C105K	CHIP C	1.0UF	K	E8E9
C320			CK73EB1C105K	CHIP C	1.0UF	K	M3
C324, 325			CK73FB1H103K	CHIP C	0.010UF	K	
C326			CK73EB1C225K	CHIP C	2.2UF	K	
C327			CK73FB1H103K	CHIP C	0.010UF	K	
C328			CK73FB1E273KTA	CHIP C	0.027UF	K	
291	2D		E31-8094-05	LEAD WIRE			
CN2			E40-9184-05	PIN ASSY			
CN3			E40-9541-05	PIN ASSY			
CN4			E40-5029-05	FLAT CABLE CONNECTOR			
CN5			E40-9557-05	FLAT CABLE CONNECTOR			
J1			E56-0826-05	CYLINDRICAL RECEPTACLE			
J2			E63-0828-05	PHONO JACK			E2E3E4
J2			E63-0828-05	PHONO JACK			E5E6E7
J2			E63-0828-05	PHONO JACK			E8E9
J2			E63-0828-05	PHONO JACK			K1K2M2
J2			E63-0828-05	PHONO JACK			
J2			E63-0843-05	PHONO JACK			M3
J3			E58-0836-05	RECTANGULAR RECEPTACLE			KO
WH1	*		E30-4583-05	CORD WITH PLUG			
L1			L33-1039-05	LINE FILTER COIL			
L2			L40-4795-34	SMALL FIXED INDUCTOR			
L4	-8		L40-4795-34	SMALL FIXED INDUCTOR			
L12			L40-4795-34	SMALL FIXED INDUCTOR			
X1			L77-2002-05	CRYSTAL RESONATOR			E2E3E4
X1			L77-2002-05	CRYSTAL RESONATOR			
X1			L77-2002-05	CRYSTAL RESONATOR			
X2	*		L78-0574-05	RESONATOR			
X3			L78-0533-05	RESONATOR (32.768KHZ)			
H	2D		N35-3012-46	BINDING HEAD MACHINE SCREW			
L	2D		N80-3008-46	PAN HEAD TAPITTE SCREW			
P	2D		N83-3005-46	PAN HEAD TAPITTE SCREW			
CP2			R90-0718-05	MULTI-COMP	4.7K X4		
CP3			R90-0725-05	MULTI-COMP	1K X2		
CP4			R90-0719-05	MULTI-COMP	4.7K X2		

Ref.No.	A d d d w	N e d d w	Parts No.	Description					Dest inati on
CP5		*	R90-1021-05	MULTI-COMP	3.3K	X2			
CP6			R90-0723-05	MULTI-COMP	47K	X2			K2M2
CP6			R90-0723-05	MULTI-COMP	47K	X2			M3
CP7			R90-0725-05	MULTI-COMP	1K	X2			E2E3E4
CP7			R90-0725-05	MULTI-COMP	1K	X2			E5E6E7
CP7			R90-0725-05	MULTI-COMP	1K	X2			E8E9
CP7			R90-0725-05	MULTI-COMP	1K	X2			K0K1
CP8			R90-0719-05	MULTI-COMP	4.7K	X2			
CP9			R90-0718-05	MULTI-COMP	4.7K	X4			
CP10			R90-0719-05	MULTI-COMP	4.7K	X2			
R1 , 2			RK73FB2A473J	CHIP R	47K	J	1/10W		
R3 , 4			RK73FB2A151J	CHIP R	150	J	1/10W		
R5 , 6			RK73FB2A394J	CHIP R	390K	J	1/10W		
R7 , 8			RK73FB2A123J	CHIP R	12K	J	1/10W		
R9 , 10			RK73FB2A183J	CHIP R	18K	J	1/10W		
R11			RK73FB2A223J	CHIP R	22K	J	1/10W		K0
R12			RK73FB2A183J	CHIP R	18K	J	1/10W		
R13			RK73FB2A561J	CHIP R	560	J	1/10W		K0
R14			RK73FB2A223J	CHIP R	22K	J	1/10W		K0
R15			RK73FB2A163J	CHIP R	16K	J	1/10W		
R16			RK73FB2A561J	CHIP R	560	J	1/10W		K0
R17			RK73FB2A333J	CHIP R	33K	J	1/10W		
R18			RK73FB2A223J	CHIP R	22K	J	1/10W		
R19			RK73FB2A334J	CHIP R	330K	J	1/10W		
R20			RK73FB2A273J	CHIP R	27K	J	1/10W		
R21			RK73FB2A224J	CHIP R	220K	J	1/10W		
R22			RK73FB2A4R7J	CHIP R	4.7	J	1/10W		
R23 -26			RK73FB2A472J	CHIP R	4.7K	J	1/10W		
R31 -34			RK73FB2A271J	CHIP R	270	J	1/10W		
R35 , 36			RK73FB2A223J	CHIP R	22K	J	1/10W		
R37 , 38			RK73FB2A104J	CHIP R	100K	J	1/10W		E4E5E6
R37 , 38			RK73FB2A104J	CHIP R	100K	J	1/10W		E7
R37 , 38			RK73FB2A104J	CHIP R	100K	J	1/10W		KOK1M2
R39 , 40			RK73FB2A153J	CHIP R	15K	J	1/10W		E4E5E6
R39 , 40			RK73FB2A153J	CHIP R	15K	J	1/10W		E7
R39 , 40			RK73FB2A153J	CHIP R	15K	J	1/10W		KOK1M2
R41 , 42			RK73FB2A223J	CHIP R	22K	J	1/10W		E4E5E6
R41 , 42			RK73FB2A223J	CHIP R	22K	J	1/10W		E7
R41 , 42			RK73FB2A223J	CHIP R	22K	J	1/10W		KOK1M2
R43 , 44			RK73FB2A820J	CHIP R	82	J	1/10W		E4E5E6
R43 , 44			RK73FB2A820J	CHIP R	82	J	1/10W		E7
R43 , 44			RK73FB2A820J	CHIP R	82	J	1/10W		KOK1M2
R45 , 46			RK73FB2A223J	CHIP R	22K	J	1/10W		
R47 , 48			RK73FB2A104J	CHIP R	100K	J	1/10W		E4E5E6
R47 , 48			RK73FB2A104J	CHIP R	100K	J	1/10W		E7
R47 , 48			RK73FB2A104J	CHIP R	100K	J	1/10W		
R47 , 48			RK73FB2A104J	CHIP R	100K	J	1/10W		E7
R49 , 50			RK73FB2A153J	CHIP R	15K	J	1/10W		E4E5E6
R49 , 50			RK73FB2A153J	CHIP R	15K	J	1/10W		E7
R49 , 50			RK73FB2A153J	CHIP R	15K	J	1/10W		KOK1M2
R51 , 52			RK73FB2A223J	CHIP R	22K	J	1/10W		E4E5E6
R51 , 52			RK73FB2A223J	CHIP R	22K	J	1/10W		E7
R53 , 54			RK73FB2A820J	CHIP R	82	J	1/10W		KOK1M2
R53 , 54			RK73FB2A820J	CHIP R	82	J	1/10W		E4E5E6
R53 , 54			RK73FB2A820J	CHIP R	82	J	1/10W		E7
R53 , 54			RK73FB2A820J	CHIP R	82	J	1/10W		KOK1M2

E: Europe K: North America M: Other Areas
W: Without Europe

E2: KRC-859R E5: KRC-859CY
E3: KRC-859RY E6: KRC-859W
E4: KRC-859C E7: KRC-859WY

8: KRC-759R K0: KRC-PS955 M2: KRC-785
9: KRC-759RY K1: KRC-805 M3: KRC-885W
 K2: KRC-705

KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

For Service Manuals Contact
Mauritron Technical Services
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-211422 Fax: 01844-252554
Email: enquiries@mauritron.co.uk

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

PARTS LIST

SYNTHESIZER UNIT(X14-568X-XX)

Ref.No.	A d d d w	N e d d w	Parts No.	Description			Dest inati on	Ref.No.	A d d d w	N e d d w	Parts No.	Description			Dest inati on		
R55 -58			RK73FB2A221J	CHIP R	220	J	1/10W	E2E3E8			R138	RK73FB2A913J	CHIP R	91K	J	1/10W	E2E3E4
R55 -58			RK73FB2A221J	CHIP R	220	J	1/10W	E9			R138	RK73FB2A913J	CHIP R	91K	J	1/10W	E5E6E7
R55 -58			RK73FB2A221J	CHIP R	220	J	1/10W	K2M2			R138	RK73FB2A913J	CHIP R	91K	J	1/10W	E8E9
R59 -62			RK73FB2A223J	CHIP R	22K	J	1/10W				R138	RK73FB2A913J	CHIP R	91K	J	1/10W	M3
R66			RK73FB2A273J	CHIP R	27K	J	1/10W				R139	RK73FB2A153J	CHIP R	15K	J	1/10W	E2E3E4
R78 ,79			RK73FB2A102J	CHIP R	1.0K	J	1/10W				R139	RK73FB2A153J	CHIP R	15K	J	1/10W	E5E6E7
R95			RK73FB2A472J	CHIP R	4.7K	J	1/10W				R139	RK73FB2A153J	CHIP R	15K	J	1/10W	E8E9
R97			RK73FB2A472J	CHIP R	4.7K	J	1/10W				R139	RK73FB2A153J	CHIP R	15K	J	1/10W	M3
R99			RK73FB2A102J	CHIP R	1.0K	J	1/10W				R140	RK73FB2A682J	CHIP R	6.8K	J	1/10W	E2E3E4
R100			RK73FB2A8R2J	CHIP R	8.2	J	1/10W				R140	RK73FB2A682J	CHIP R	6.8K	J	1/10W	E5E6E7
R101	*		RK73FB2A4R3J	CHIP R	4.3	J	1/10W				R140	RK73FB2A682J	CHIP R	6.8K	J	1/10W	E8E9
R102			RK73FB2A272J	CHIP R	2.7K	J	1/10W				R140	RK73FB2A682J	CHIP R	6.8K	J	1/10W	M3
R121			RK73FB2A103J	CHIP R	10K	J	1/10W	E2E3E4			R141	RK73FB2A103J	CHIP R	10K	J	1/10W	E2E3E4
R121			RK73FB2A103J	CHIP R	10K	J	1/10W	E5E6E7			R141	RK73FB2A103J	CHIP R	10K	J	1/10W	E5E6E7
R121			RK73FB2A103J	CHIP R	10K	J	1/10W	E8E9			R141	RK73FB2A103J	CHIP R	10K	J	1/10W	E8E9
R122			RK73FB2A222J	CHIP R	2.2K	J	1/10W	E2E3E4			R141	RK73FB2A103J	CHIP R	10K	J	1/10W	M3
R122			RK73FB2A222J	CHIP R	2.2K	J	1/10W	E5E6E7			R142	RK73FB2A224J	CHIP R	220K	J	1/10W	E2E3E4
R122			RK73FB2A222J	CHIP R	2.2K	J	1/10W	E8E9			R142	RK73FB2A224J	CHIP R	220K	J	1/10W	E5E6E7
R123			RK73FB2A104J	CHIP R	100K	J	1/10W	E2E3E4			R142	RK73FB2A224J	CHIP R	220K	J	1/10W	E8E9
R123			RK73FB2A104J	CHIP R	100K	J	1/10W	E5E6E7			R142	RK73FB2A224J	CHIP R	220K	J	1/10W	M3
R123			RK73FB2A104J	CHIP R	100K	J	1/10W	E8E9			R143	RK73FB2A222J	CHIP R	2.2K	J	1/10W	E2E3E4
R124			RK73FB2A103J	CHIP R	10K	J	1/10W	E2E3E4			R143	RK73FB2A222J	CHIP R	2.2K	J	1/10W	E5E6E7
R124			RK73FB2A103J	CHIP R	10K	J	1/10W	E5E6E7			R143	RK73FB2A222J	CHIP R	2.2K	J	1/10W	E8E9
R124			RK73FB2A103J	CHIP R	10K	J	1/10W	E8E9			R143	RK73FB2A222J	CHIP R	2.2K	J	1/10W	M3
R125			RK73FB2A152J	CHIP R	1.5K	J	1/10W	E2E3E4			R144	RK73FB2A333J	CHIP R	33K	J	1/10W	E2E3E4
R125			RK73FB2A152J	CHIP R	1.5K	J	1/10W	E5E6E7			R144	RK73FB2A333J	CHIP R	33K	J	1/10W	M3
R125			RK73FB2A152J	CHIP R	1.5K	J	1/10W	E8E9			R145	RK73FB2A392J	CHIP R	3.9K	J	1/10W	E2E3E4
R126			RK73FB2A562J	CHIP R	5.6K	J	1/10W	E2E3E4			R145	RK73FB2A392J	CHIP R	3.9K	J	1/10W	E5E6E7
R126			RK73FB2A562J	CHIP R	5.6K	J	1/10W	E5E6E7			R145	RK73FB2A392J	CHIP R	3.9K	J	1/10W	E8E9
R126			RK73FB2A562J	CHIP R	5.6K	J	1/10W	E8E9			R146	RK73FB2A105J	CHIP R	1.0M	J	1/10W	E2E3E4
R127			RK73FB2A103J	CHIP R	10K	J	1/10W	E2E3E4			R146	RK73FB2A105J	CHIP R	1.0M	J	1/10W	E5E6E7
R127			RK73FB2A103J	CHIP R	10K	J	1/10W	E5E6E7			R146	RK73FB2A105J	CHIP R	1.0M	J	1/10W	E8E9
R127			RK73FB2A103J	CHIP R	10K	J	1/10W	E8E9			R146	RK73FB2A105J	CHIP R	1.0M	J	1/10W	M3
R128			RK73FB2A153J	CHIP R	15K	J	1/10W	E2E3E4			R147, 148	RK73FB2A222J	CHIP R	2.2K	J	1/10W	E2E3E4
R128			RK73FB2A153J	CHIP R	15K	J	1/10W	E5E6E7			R147, 148	RK73FB2A222J	CHIP R	2.2K	J	1/10W	E8E9
R129			RK73FB2A333J	CHIP R	33K	J	1/10W	E2E3E4			R147, 148	RK73FB2A222J	CHIP R	2.2K	J	1/10W	M3
R129			RK73FB2A333J	CHIP R	33K	J	1/10W	E5E6E7			R149, 150	RK73FB2A473J	CHIP R	47K	J	1/10W	E2E3E4
R129			RK73FB2A333J	CHIP R	33K	J	1/10W	E8E9			R149, 150	RK73FB2A473J	CHIP R	47K	J	1/10W	E5E6E7
R130			RK73FB2A562J	CHIP R	5.6K	J	1/10W	E2E3E4			R149, 150	RK73FB2A473J	CHIP R	47K	J	1/10W	E8E9
R130			RK73FB2A562J	CHIP R	5.6K	J	1/10W	E5E6E7			R149, 150	RK73FB2A473J	CHIP R	47K	J	1/10W	M3
R130			RK73FB2A562J	CHIP R	5.6K	J	1/10W	E8E9			R151	RK73FB2A104J	CHIP R	100K	J	1/10W	E2E3E4
R131			RK73FB2A272J	CHIP R	2.7K	J	1/10W	E2E3E4			R151	RK73FB2A104J	CHIP R	100K	J	1/10W	E5E6E7
R131			RK73FB2A272J	CHIP R	2.7K	J	1/10W	E5E6E7			R151	RK73FB2A104J	CHIP R	100K	J	1/10W	E8E9
R131			RK73FB2A272J	CHIP R	2.7K	J	1/10W	E8E9			R151	RK73FB2A104J	CHIP R	100K	J	1/10W	M3
R132			RK73FB2A823J	CHIP R	82K	J	1/10W	E2E3E4			R155	RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R132			RK73FB2A823J	CHIP R	82K	J	1/10W	E5E6E7			R156	RK73FB2A104J	CHIP R	100K	J	1/10W	
R132			RK73FB2A823J	CHIP R	82K	J	1/10W	E8E9			R157	RK73FB2A471J	CHIP R	470	J	1/10W	
R133			RK73FB2A220J	CHIP R	22	J	1/10W	E2E3E4			R158	RK73FB2A223J	CHIP R	22K	J	1/10W	
R133			RK73FB2A220J	CHIP R	22	J	1/10W	E5E6E7			R159, 160	RK73FB2A471J	CHIP R	470	J	1/10W	
R133			RK73FB2A220J	CHIP R	22	J	1/10W	E8E9			R200	RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R134-137			RK73FB2A103J	CHIP R	10K	J	1/10W	E2E3E4			R201	RD14DB2H332J	SMALL-RD	3.3K	J	1/2W	
R134-137			RK73FB2A103J	CHIP R	10K	J	1/10W	E5E6E7			R202	RK73FB2A472J	CHIP R	4.7K	J	1/10W	K0K1K2
R134-137			RK73FB2A103J	CHIP R	10K	J	1/10W	E8E9			R202	RK73FB2A472J	CHIP R	4.7K	J	1/10W	M2M3

E: Europe K: North America M: Other Areas
W: Without Europe

▲ indicates safety critical components.

E2: KRC-859R E5: KRC-859CY E8: KRC-759R E9: KRC-759RY
E3: KRC-859RY E6: KRC-859W E10: KRC-859W E11: KRC-859W
E4: KRC-859C E7: KRC-859WY

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

PARTS LIST

SYNTHESIZER UNIT(X14-568X-XX)

Ref.No.	A d d	N e w	Parts No.	Description			Dest inati on	Ref.No.	A d d	N e w	Parts No.	Description			Dest inati on	
R203			RK73FB2A123J	CHIP R	12K	J	1/10W	R248			RK73FB2A272J	CHIP R	2.7K	J	1/10W	E7
R204			RK73FB2A133J	CHIP R	13K	J	1/10W	R248			RK73FB2A272J	CHIP R	2.7K	J	1/10W	KOK1M3
R205			RK73EB2B104J	CHIP R	100K	J	1/8W	R249			RK73FB2A563J	CHIP R	56K	J	1/10W	E4E5E6
R206			RK73FB2A822J	CHIP R	8.2K	J	1/10W	R249			RK73FB2A563J	CHIP R	56K	J	1/10W	E7
R207			RK73FB2A473J	CHIP R	47K	J	1/10W	R249			RK73FB2A563J	CHIP R	56K	J	1/10W	KOK1M3
R207			RK73FB2A473J	CHIP R	47K	J	1/10W	R250			RK73FB2A470J	CHIP R	47	J	1/10W	E4E5E6
R208			RK73FB2A163J	CHIP R	16K	J	1/10W	R250			RK73FB2A470J	CHIP R	47	J	1/10W	E7
R209			R92-2023-05	CHIP R	820	J	1/2W	R250			RK73FB2A470J	CHIP R	47	J	1/10W	KOK1M3
R209			R92-2023-05	CHIP R	820	J	1/2W	R251			RK73FB2A913J	CHIP R	91K	J	1/10W	E4E5E6
R210			RK73EB2B472J	CHIP R	4.7K	J	1/8W	R251			RK73FB2A913J	CHIP R	91K	J	1/10W	E7
R211			RK73FB2A223J	CHIP R	22K	J	1/10W	R251			RK73FB2A913J	CHIP R	91K	J	1/10W	KOK1M3
R212			RK73FB2A101J	CHIP R	100	J	1/10W	R252			RK73FB2A752J	CHIP R	7.5K	J	1/10W	E4E5E6
R213			RK73FB2A681J	CHIP R	680	J	1/10W	R252			RK73FB2A752J	CHIP R	7.5K	J	1/10W	E7
R214			RK73FB2A391J	CHIP R	390	J	1/10W	R252			RK73FB2A752J	CHIP R	7.5K	J	1/10W	KOK1M3
R215			RK73FB2A472J	CHIP R	4.7K	J	1/10W	R256			RK73FB2A104J	CHIP R	100K	J	1/10W	
R217			RK73FB2A472J	CHIP R	4.7K	J	1/10W	R257			RK73EB2B103J	CHIP R	10K	J	1/8W	
R218			RK73FB2A122J	CHIP R	1.2K	J	1/10W	R258			RK73FB2A752J	CHIP R	7.5K	J	1/10W	E2E3E4
R219			RK73FB2A331J	CHIP R	330	J	1/10W	R258			RK73FB2A752J	CHIP R	7.5K	J	1/10W	E5E6E7
R220			RK73FB2A332J	CHIP R	3.3K	J	1/10W	R258			RK73FB2A752J	CHIP R	7.5K	J	1/10W	E8E9
R221			RK73FB2A103J	CHIP R	10K	J	1/10W	R259			RK73EB2B104J	CHIP R	100K	J	1/8W	
R222			RK73EB2B101J	CHIP R	100	J	1/8W	R261			RK73FB2A100J	CHIP R	10	J	1/10W	E2E3E4
R223-227			RK73EB2B102J	CHIP R	1.0K	J	1/8W	R261			RK73FB2A100J	CHIP R	10	J	1/10W	E5E6E7
R228, 229			RK73EB2B101J	CHIP R	100	J	1/8W	R261			RK73FB2A100J	CHIP R	10	J	1/10W	E8E9
R230-234			RK73FB2A104J	CHIP R	100K	J	1/10W	R261			RK73FB2A100J	CHIP R	10	J	1/10W	KOK1
R235, 236			RK73EB2B100J	CHIP R	10	J	1/8W	R301			RK73FB2A103J	CHIP R	10K	J	1/10W	
R237			RK73EB2B4R7J	CHIP R	4.7	J	1/8W	R302			RK73FB2A471J	CHIP R	470	J	1/10W	
R238			RK73FB2A471J	CHIP R	470	J	1/10W	R303			R92-0365-05	CHIP R	1.0K	J	1/2W	
R239			RK73FB2A104J	CHIP R	100K	J	1/10W	R304			RK73FB2A471J	CHIP R	470	J	1/10W	
R239			RK73FB2A104J	CHIP R	100K	J	1/10W	R305			RK73FB2A104J	CHIP R	100K	J	1/10W	
R239			RK73FB2A104J	CHIP R	100K	J	1/10W	R306			RK73FB2A471J	CHIP R	470	J	1/10W	
R239, 240			RK73FB2A104J	CHIP R	100K	J	1/10W	R307			RK73FB2A122J	CHIP R	1.2K	J	1/10W	
R239, 240			RK73FB2A104J	CHIP R	100K	J	1/10W	R309			RK73FB2A470J	CHIP R	47	J	1/10W	
R239, 240			RK73FB2A104J	CHIP R	100K	J	1/10W	R311			RK73FB2A104J	CHIP R	100K	J	1/10W	
R241			RK73FB2A4R7J	CHIP R	4.7	J	1/10W	R312			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R241			RK73FB2A4R7J	CHIP R	4.7	J	1/10W	R315, 316			R92-2104-05	CHIP R	2.2	J	1W	
R241			RK73FB2A4R7J	CHIP R	4.7	J	1/10W	R317			RK73FB2A223J	CHIP R	22K	J	1/10W	E2E3E4
R242			RK73FB2A750J	CHIP R	75	J	1/10W	E4E5E6			RK73FB2A223J	CHIP R	22K	J	1/10W	E5E6E7
R242			RK73FB2A750J	CHIP R	75	J	1/10W	E7			RK73FB2A223J	CHIP R	22K	J	1/10W	E8E9
R242			RK73FB2A750J	CHIP R	75	J	1/10W	R317			RK73FB2A473J	CHIP R	47K	J	1/10W	E2E3E4
R243			RK73FB2A102J	CHIP R	1.0K	J	1/10W	R318			RK73FB2A473J	CHIP R	47K	J	1/10W	E5E6E7
R243			RK73FB2A102J	CHIP R	1.0K	J	1/10W	R318			RK73FB2A473J	CHIP R	47K	J	1/10W	
R244			RK73FB2A913J	CHIP R	91K	J	1/10W	R319			RK73FB2A473J	CHIP R	47K	J	1/10W	E8E9
R244			RK73FB2A913J	CHIP R	91K	J	1/10W	R319			RK73FB2A102J	CHIP R	1.0K	J	1/10W	E2E3E4
R244			RK73FB2A913J	CHIP R	91K	J	1/10W	R321			RK73FB2A102J	CHIP R	1.0K	J	1/10W	E5E6E7
R245			RK73FB2A470J	CHIP R	47	J	1/10W	E4E5E6			RK73FB2A473J	CHIP R	47K	J	1/10W	E7E8E9
R245			RK73FB2A470J	CHIP R	47	J	1/10W	E7			RK73FB2A473J	CHIP R	47K	J	1/10W	K1M2
R245			RK73FB2A470J	CHIP R	47	J	1/10W	R321			RK73FB2A473J	CHIP R	47K	J	1/10W	K0M3
R246			RK73FB2A470J	CHIP R	47	J	1/10W	KOK1M3			RK73FB2A473J	CHIP R	47K	J	1/10W	E2E3
R246			RK73FB2A470J	CHIP R	47	J	1/10W	R322, 323			RK73FB2A473J	CHIP R	47K	J	1/10W	K2
R246			RK73FB2A470J	CHIP R	47	J	1/10W	R322, 323			RK73FB2A473J	CHIP R	47K	J	1/10W	E8E9
R247			RK73FB2A913J	CHIP R	91K	J	1/10W	R323			RK73FB2A473J	CHIP R	47K	J	1/10W	M2
R247			RK73FB2A103J	CHIP R	10K	J	1/10W	E4E5E6			RK73FB2A473J	CHIP R	47K	J	1/10W	KOK1
R247			RK73FB2A103J	CHIP R	10K	J	1/10W	E7			RK73FB2A473J	CHIP R	47K	J	1/10W	E4E5E6
R247			RK73FB2A103J	CHIP R	10K	J	1/10W	KOK1M3			RK73FB2A473J	CHIP R	47K	J	1/10W	E4E5E6
R248			RK73FB2A272J	CHIP R	2.7K	J	1/10W	E4E5E6			RK73FB2A473J	CHIP R	47K	J	1/10W	E7

E: Europe K: North America M: Other Areas

W: Without Europe

/ indicates safety critical components.

E2: KRC-859R E5: KRC-859CY E8: KRC-759R K0: KRC-PS955 M2: KRC-785
 E3: KRC-859RY E6: KRC-859W E9: KRC-759RY K1: KRC-805 M3: KRC-885W
 E4: KRC-859C E7: KRC-859WY E10: KRC-759W K2: KRC-705

KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

PARTS LIST

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-350554
Email: enquiries@mauritron.co.uk

SYNTHESIZER UNIT(X14-568X-XX)

Ref.No.	A d d w	Parts No.	Description				Dest inat ion	Ref.No.	A d d w	Parts No.	Description				Dest inat ion
R324, 325		RK73FB2A473J	CHIP R	47K	J	1/10W	M3	R389		RK73FB2A473J	CHIP R	47K	J	1/10W	
R325		RK73FB2A473J	CHIP R	47K	J	1/10W	E2E3E8	R406		RK73FB2A104J	CHIP R	100K	J	1/10W	
R325		RK73FB2A473J	CHIP R	47K	J	1/10W	E9	R407		RK73FB2A471J	CHIP R	470	J	1/10W	
R326		RK73FB2A473J	CHIP R	47K	J	1/10W	KOK1K2	R409		RK73FB2A104J	CHIP R	100K	J	1/10W	
R326		RK73FB2A473J	CHIP R	47K	J	1/10W	M2	R415		RK73FB2A105J	CHIP R	1.0M	J	1/10W	E2E3E4
R327-329		RK73FB2A472J	CHIP R	4.7K	J	1/10W		R415		RK73FB2A105J	CHIP R	1.0M	J	1/10W	E5E6E7
R330		RK73FB2A104J	CHIP R	100K	J	1/10W		R415		RK73FB2A105J	CHIP R	1.0M	J	1/10W	E8E9
R331		RK73FB2A222J	CHIP R	2.2K	J	1/10W		R415		RK73FB2A105J	CHIP R	1.0M	J	1/10W	M3
R332		RK73FB2A225J	CHIP R	2.2M	J	1/10W		VR1 , 2		R32-0211-05	SEMI FIXED VARIABLE RESISTOR				
R333		RK73FB2A102J	CHIP R	1.0K	J	1/10W		VR3		R32-0229-05	SEMI FIXED VARIABLE RESISTOR				E2E3E4
R334		RK73FB2A472J	CHIP R	4.7K	J	1/10W		VR3		R32-0229-05	SEMI FIXED VARIABLE RESISTOR				E5E6E7
R335		RK73FB2A104J	CHIP R	100K	J	1/10W		VR3		R32-0229-05	SEMI FIXED VARIABLE RESISTOR				E8E9
R336, 337		RK73FB2A562J	CHIP R	5.6K	J	1/10W		VR3		R32-0229-05	SEMI FIXED VARIABLE RESISTOR				M3
R338		RK73FB2A104J	CHIP R	100K	J	1/10W		W9 -14		R92-2052-05	CHIP R	0	J	1/10W	E8E9
R340		RK73FB2A222J	CHIP R	2.2K	J	1/10W		W9 -14		R92-2052-05	CHIP R	0	J	1/10W	K1K2M2
R341, 342		RK73FB2A102J	CHIP R	1.0K	J	1/10W		W9 -14		R92-2052-05	CHIP R	0	J	1/10W	M3
R343		RK73FB2A472J	CHIP R	4.7K	J	1/10W		W17 -20		R92-2052-05	CHIP R	0	J	1/10W	E8E9
R344		RK73FB2A222J	CHIP R	2.2K	J	1/10W		W17 -20		R92-2052-05	CHIP R	0	J	1/10W	K1K2M2
R345-347		RK73FB2A472J	CHIP R	4.7K	J	1/10W		W17 -20		R92-2052-05	CHIP R	0	J	1/10W	M3
R348		RK73FB2A684J	CHIP R	680K	J	1/10W		W30		R92-2052-05	CHIP R	0	J	1/10W	KOK1K2
R350		RK73FB2A222J	CHIP R	2.2K	J	1/10W	E2E3E4	W30		R92-2052-05	CHIP R	0	J	1/10W	M2
R350		RK73FB2A222J	CHIP R	2.2K	J	1/10W	E5E6E7	W32		R92-2052-05	CHIP R	0	J	1/10W	KOK1K2
R350		RK73FB2A222J	CHIP R	2.2K	J	1/10W	E8E9	W32		R92-2052-05	CHIP R	0	J	1/10W	M2
R350		RK73FB2A222J	CHIP R	2.2K	J	1/10W	KOK1	W33		R92-2052-05	CHIP R	0	J	1/10W	E2E3E4
R351		RK73FB2A104J	CHIP R	100K	J	1/10W	K2M2	W33		R92-2052-05	CHIP R	0	J	1/10W	E5E6E7
R351		RK73FB2A104J	CHIP R	100K	J	1/10W	M3	W33		R92-2052-05	CHIP R	0	J	1/10W	E8E9
R352		RK73FB2A164J	CHIP R	160K	J	1/10W		W100		R92-2052-05	CHIP R	0	J	1/10W	
R353-356		RK73FB2A102J	CHIP R	1.0K	J	1/10W		W102-105		R92-2052-05	CHIP R	0	J	1/10W	M3
R357		RK73FB2A472J	CHIP R	4.7K	J	1/10W	KOK1K2	W102-106		R92-2052-05	CHIP R	0	J	1/10W	KOK1K2
R357		RK73FB2A472J	CHIP R	4.7K	J	1/10W	M2M3	W102-106		R92-2052-05	CHIP R	0	J	1/10W	M2
R357, 358		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E2E3E4	W104, 105		R92-2052-05	CHIP R	0	J	1/10W	E2E3E4
R357, 358		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E5E6E7	W104, 105		R92-2052-05	CHIP R	0	J	1/10W	E5E6E7
R357, 358		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E8E9	W104, 105		R92-2052-05	CHIP R	0	J	1/10W	E8E9
R360		RK73FB2A223J	CHIP R	22K	J	1/10W		PH1		T95-0231-05	OPTO ISOLATOR				
R365		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E2E3E4	D1 , 2		DA204K	DIODE				
R365		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E8E9	D3		MA3062WA	ZENER DIODE				
R365		RK73FB2A472J	CHIP R	4.7K	J	1/10W	M3	D5 , 6		DAP202K	DIODE				
R367		RK73FB2A472J	CHIP R	4.7K	J	1/10W		D5 , 6		MA152WA	DIODE				
R368, 369		RK73FB2A102J	CHIP R	1.0K	J	1/10W		D7 , 8		DA204K	DIODE				
R371		RK73FB2A102J	CHIP R	1.0K	J	1/10W		D121		DAP202K	DIODE				E2E3E4
R373, 374		RK73FB2A102J	CHIP R	1.0K	J	1/10W		D121		DAP202K	DIODE				E5E6E7
R375		RK73FB2A154J	CHIP R	150K	J	1/10W		D121		DAP202K	DIODE				E8E9
R376-378		RK73FB2A222J	CHIP R	2.2K	J	1/10W		D121		MA152WA	DIODE				E2E3E4
R379, 380		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E2E3E4	D121		MA152WA	DIODE				E5E6E7
R379, 380		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E5E6E7	D121		MA152WA	DIODE				
R379, 380		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E8E9	D142		HZM6.8N(B2)	ZENER DIODE				
R379, 380		RK73FB2A472J	CHIP R	4.7K	J	1/10W	M3	D142		MA3068-M	ZENER DIODE				
R382		RK73FB2A472J	CHIP R	4.7K	J	1/10W	KOK1K2	D143		HZM7.5N(B2)	ZENER DIODE				
R382		RK73FB2A472J	CHIP R	4.7K	J	1/10W	M2M3	D143		MA3075-M	ZENER DIODE				
R382, 383		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E2E3E4	D198, 199	*	D1CA60R	DIODE				
R382, 383		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E5E6E7	D200		OAN202K	DIODE				
R382, 383		RK73FB2A472J	CHIP R	4.7K	J	1/10W	E8E9	D200		MA152WK	DIODE				
R384		RK73FB2A472J	CHIP R	4.7K	J	1/10W	K0	D201		RM10ZLF	DIODE				
R387		RK73FB2A473J	CHIP R	47K	J	1/10W		D202		RD6.8M(B2)	ZENER DIODE				

E: Europe K: North America M: Other Areas

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⚠ indicates safety critical components.

E2: KRC-859R

E3: KRC-859RY

E4: KRC-859C

E5: KRC-859CY

E6: KRC-859W

E7: KRC-859WY

E8: KRC-759R

E9: KRC-759RY

K0: KRC-PS955

M2: KRC-785

K1: KRC-805

M3: KRC-885W

K2: KRC-705

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
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Tel: 01844-351694 Fax: 01844-352554
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KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

PARTS LIST

SYNTHESIZER UNIT(X14-568X-XX)

Ref.No.	A d d e w	Parts No.	Description	Dest inati on
D203		AM01Z	DIODE	KOK1K2
D203		AM01Z	DIODE	M2M3
D204		RD6.8M(B2)	ZENER DIODE	
D205		M1F60	DIODE	
D206		DAN202K	DIODE	
D206		MA152WK	DIODE	
D207		AM01Z	DIODE	
D208		DAP202K	DIODE	
D208		MA152WA	DIODE	
D210		1SS181	DIODE	
D211		AM01Z	DIODE	
D212		DAP202K	DIODE	
D212		MA152WA	DIODE	
D231-233		MA3062WA	ZENER DIODE	
D234		MA3062-M	ZENER DIODE	
D235		DAP202K	DIODE	
D235		MA152WA	DIODE	
D241	*	HZM11N(B1)	ZENER DIODE	E4E5E6
D241	*	HZM11N(B1)	ZENER DIODE	E7
D241	*	HZM11N(B1)	ZENER DIODE	KOK1M3
D241		MA3110-L	ZENER DIODE	E4E5E6
D241		MA3110-L	ZENER DIODE	E7
D241		MA3110-L	ZENER DIODE	KOK1M3
D242	*	HZM5.6N(B2)	ZENER DIODE	E4E5E6
D242	*	HZM5.6N(B2)	ZENER DIODE	E7
D242	*	HZM5.6N(B2)	ZENER DIODE	KOK1M3
D242		MA3056-M	ZENER DIODE	E4E5E6
D242		MA3056-M	ZENER DIODE	E7
D242		MA3056-M	ZENER DIODE	KOK1M3
D250	*	DSP-301N-A21F	SURGE ABSORBER	
D300		DAN202K	DIODE	
D300		MA152WK	DIODE	
D301		AM01Z	DIODE	
D302	*	HZM22N(B3)	ZENER DIODE	
D302		MA3220-H	ZENER DIODE	
D303	*	HZM4.7N(B2)	ZENER DIODE	E2E3E4
D303	*	HZM4.7N(B2)	ZENER DIODE	E5E6E7
D303	*	HZM4.7N(B2)	ZENER DIODE	E8E9
D303		MA3047-M	ZENER DIODE	E2E3E4
D303		MA3047-M	ZENER DIODE	E5E6E7
D303		MA3047-M	ZENER DIODE	E8E9
IC1	*	UPD784215GF522	MI-COM IC	E8E9
IC2		TDA7461D	ANALOGUE IC	
IC3		NJM4565M-TE2	ANALOGUE IC	E2E3E4
IC3		NJM4565M-TE2	ANALOGUE IC	E5E6E7
IC3		NJM4565M-TE2	ANALOGUE IC	E8E9
IC6		TDA7386	ANALOGUE IC	
IC7		BA3917-V4	ANALOGUE IC	
IC8	*	TDA7479D	ANALOGUE IC	E2E3E4
IC8	*	TDA7479D	ANALOGUE IC	E5E6E7
IC8	*	TDA7479D	ANALOGUE IC	E8E9
IC8	*	TDA7479D	ANALOGUE IC	KOK1
IC8	*	TDA7479D	ANALOGUE IC	Q139, 140
IC9		BA6238A	ANALOGUE IC	Q139, 140
IC10		TC7660SEOA	ANALOGUE IC	E4E5E6
IC10		TC7660SEOA	ANALOGUE IC	E7

Ref.No.	A d d e w	Parts No.	Description	Dest inati on
IC10		TC7660SEOA	ANALOGUE IC	KOK1M3
IC11, 12		NJM4565M-TE2	ANALOGUE IC	E4E5E6
IC11, 12		NJM4565M-TE2	ANALOGUE IC	E7
IC11, 12		NJM4565M-TE2	ANALOGUE IC	KOK1M3
IC13		HA12163FP	ANALOGUE IC	E2E3E4
IC13		HA12163FP	ANALOGUE IC	E5E6E7
IC13		HA12163FP	ANALOGUE IC	E8E9
IC13		HA12163FP	ANALOGUE IC	K1K2M2
IC13		HA12163FP	ANALOGUE IC	M3
IC13		HA12173FP	ANALOGUE IC	KO
IC14		TDA7435	ANALOGUE IC	E2E3E4
IC14		TDA7435	ANALOGUE IC	E5E6E7
IC14		TDA7435	ANALOGUE IC	KO
IC15		KKZ06F	CUSTOM IC	
IC16		TC74HC02AF	IC	
IC18		NJM2903M	IC(COMPPARATOR X2)	E2E3E4
IC18		NJM2903M	IC(COMPATOR X2)	E5E6E7
IC18		NJM2903M	IC(COMPATOR X2)	E8E9
IC18		NJM2903M	IC(COMPATOR X2)	M3
IC20		PST9130NR	ANALOGUE IC	
Q1 - 4		2S02114K	TRANSISTOR	
Q10		DTA144EK	DIGITAL TRANSISTOR	
Q10		UN2113	DIGITAL TRANSISTOR	
Q11		DTC144EK	DIGITAL TRANSISTOR	
Q11		UN2213	DIGITAL TRANSISTOR	
Q90		DTC124EK	DIGITAL TRANSISTOR	
Q90		UN2212	DIGITAL TRANSISTOR	
Q121		2SC2412K	TRANSISTOR	E2E3E4
Q121		2SC2412K	TRANSISTOR	E5E6E7
Q121		2SC2412K	TRANSISTOR	E8E9
Q121		2S0601A	TRANSISTOR	E2E3E4
Q121		2S0601A	TRANSISTOR	E5E6E7
Q121		2S0601A	TRANSISTOR	E8E9
Q122		DTC114TK	DIGITAL TRANSISTOR	E2E3E4
Q122		DTC114TK	DIGITAL TRANSISTOR	E5E6E7
Q122		DTC114TK	DIGITAL TRANSISTOR	E8E9
Q122		DTC114TK	DIGITAL TRANSISTOR	E2E3E4
Q123		DTC114TK	DIGITAL TRANSISTOR	E8E9
Q123		UN2215	DIGITAL TRANSISTOR	E2E3E4
Q123		UN2215	DIGITAL TRANSISTOR	E5E6E7
Q123		UN2215	DIGITAL TRANSISTOR	E8E9
Q123		DTA124EK	DIGITAL TRANSISTOR	E2E3E4
Q123		DTA124EK	DIGITAL TRANSISTOR	E5E6E7
Q123		DTA124EK	DIGITAL TRANSISTOR	E8E9
Q123		UN2112	DIGITAL TRANSISTOR	E2E3E4
Q123		UN2112	DIGITAL TRANSISTOR	E5E6E7
Q123		UN2112	DIGITAL TRANSISTOR	E8E9
Q139, 140		DTC143TK	DIGITAL TRANSISTOR	E2E3E4
Q139, 140		DTC143TK	DIGITAL TRANSISTOR	E5E6E7
Q139, 140		DTC143TK	DIGITAL TRANSISTOR	E8E9
Q139, 140		DTC143TK	DIGITAL TRANSISTOR	M3
Q139, 140		UN2216	DIGITAL TRANSISTOR	E2E3E4
Q139, 140		UN2216	DIGITAL TRANSISTOR	E5E6E7
Q139, 140		UN2216	DIGITAL TRANSISTOR	E8E9
Q141		DTC124TK	DIGITAL TRANSISTOR	M3
Q141		DTC124TK	DIGITAL TRANSISTOR	E2E3E4
Q141		DTC124TK	DIGITAL TRANSISTOR	E5E6E7

E: Europe K: North America M: Other Areas

W: Without Europe

 indicates safety critical components.

E2: KRC-859R

E3: KRC-859RY

E4: KRC-859C

E5: KRC-859CY

E6: KRC-859W

E7: KRC-859WY

E8: KRC-759R

E9: KRC-759RY

K1: KRC-805

K0: KRC-PS955

K1: KRC-805

K2: KRC-705

M2: KRC-785

M3: KRC-885W

KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955

For Service Manuals Contact
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PARTS LIST

SYNTHESIZER UNIT(X14-568X-XX)

E: Europe K: North America M: Other Areas

E2: KRC-85

E: Europe R: Non
W: Without Europe

W: without Europe
↑ indicates safety-critical components

E5: KRC-859

KEY E8: KRC-75

K0: KRC-PS955

M2: KRC-785

✓ E6: KRC-859

V E9: KRC-75

RY K1: KRC-805

M3: KRC-885W

E7: KRC-859

WY

K2: KRC-705

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KRC-705/759R/RY/785/805/859C
/CY/R/RY/W/WY/885W/PS955

PARTS LIST

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Ref.No.	A d d e w	Parts No.	Description	Dest inati on
13	2A	D10-4113-08	ARM	
14	1B	D13-1324-08	GEAR ASSY	
15	3A	D01-0609-08	FLYWHEEL ASSY	
16	2A	D13-1325-08	GEAR ASSY	
17	2A	D10-4114-08	ARM ASSY	
18	3A	D01-0610-08	FLYWHEEL ASSY	
19	3A	D13-1326-08	GEAR ASSY	
22	2B	D10-4115-08	SLIDER	
23	3B	D10-4116-08	SLIDER	
24	1B	J21-7780-08	MOTOR MOUNTING HARDWARE	
25	1B	D10-4117-08	ARM	
26	1B	D10-4118-08	SLIDER	
27	1A	A52-0716-08	CASSETTE HOLDER	
32	1B	J90-0767-08	GUID	
33	1B	J19-4737-08	BRACKET	
34	1B	D12-0622-08	CAM	
35	2B	D13-1327-08	GEAR	
36	2B	D13-1328-08	GEAR	
37	3A	D13-1329-08	GEAR	
38	3A	D10-4119-08	ARM	
39	1B	D13-1330-08	GEAR	
40	2A	D13-1331-08	GEAR	
41	2A	D13-1332-08	GEAR	
42	3B	J11-0619-08	CLAMPER	
43	1B	D13-1333-08	GEAR	
44	1B	D13-1334-08	GEAR	
45	2A	D13-1335-08	GEAR	
46	2B	D10-4120-08	ARM	
47	2B	J19-4738-08	HOLDER	
48	2B	J11-0620-08	CLAMPER	
52	2A	D03-0312-08	REEL CAP	
53	3B	D15-0913-08	PULLEY	
54	1B	D13-1336-08	WORM	
55	1A	D10-4121-08	SLIDER	
56	2A *	D10-4122-08	ARM	
57	1B	D13-1337-08	GEAR	
59	2B	J31-1036-08	COLLAR	
62	3B	D14-0683-08	ROLLER	
63	1A	D14-0684-08	ROLLER	
64	2A	D15-0914-08	PULLEY	
67	2A	G01-2832-08	TORSION COIL SPRING	
68	2A	G01-2833-08	TORSION COIL SPRING	
69	2B	G01-2834-08	TENSION COIL SPRING	
70	1B	G01-2835-08	TORSION COIL SPRING	
71	1B	G01-2836-08	TORSION COIL SPRING	
73	1A	G09-2020-08	SPRING	
74	2A	G01-2837-08	COMPRESSION SPRING	
75	1B	G01-2838-08	TORSION COIL SPRING	
76	1A	G01-2839-08	TORSION COIL SPRING	
77	2B	G01-2843-08	TORSION COIL SPRING	
79	1A	G01-2840-08	TENSION COIL SPRING	
80	3A	G01-2841-08	TENSION COIL SPRING	
81	2A *	G01-2842-08	TORSION COIL SPRING	
83	3A	D16-0609-08	BELT	
94	3A	S64-0804-08	LEVER SWITCH	

Ref.No.	A d d e w	Parts No.	Description	Dest inati on
95	3A	S64-0805-08	LEVER SWITCH	
100	2B	E30-4460-08	CONNECTOR ASSY(10P)	
102	2B	T95-0213-08	PHOTO COUPLER	
103	2B	S62-0858-08	SLIDE SWITCH	
105	2B	S74-0813-08	LEAF SWITCH	
107	3A	E30-4468-08	CONNECTOR ASSY(7P)	
A	1B	N09-4193-08	SCREW	
B	1B	N09-4194-08	SCREW	
C	1A	N09-4195-08	SCREW	
D	1B	N09-4196-08	SCREW	
E	2A	N09-4197-08	SCREW	
F	1B	N09-4198-08	SCREW	
G	1A	N09-4199-08	SCREW	
H	2B	N09-4200-08	SCREW	
H01	1B	T31-0220-08	PLAYBACK HEAD	
J	3B	N09-4201-08	SCREW	
K	2A	N19-2086-08	FLAT WASHER	
L	3A	N19-2087-08	FLAT WASHER	
M	3A	N19-2088-08	FLAT WASHER	
M1	1A	T42-0759-08	MAIN MOTOR	
M2	1B	T42-0755-08	MOTOR ASSY	
N	1B	N19-2089-08	FLAT WASHER	
P	3A	N19-2090-08	FLAT WASHER	
Q	2A	N19-2091-08	FLAT WASHER	
R	1A	N19-2092-08	FLAT WASHER	
S	2B	N29-0510-08	RETAINING RING	
T	3A	N29-0511-08	RETAINING RING	

E: Europe K: North America M: Other Areas

W: Without Europe

 indicates safety critical components.

E2: KRC-859R

E3: KRC-859RY

E4: KRC-859C

E5: KRC-859CY

E6: KRC-859W

E7: KRC-859WY

E8: KRC-759R

E9: KRC-759RY

E10: KRC-759W

K0: KRC-PS955

K1: KRC-805

K2: KRC-705

M2: KRC-785

M3: KRC-885W

KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

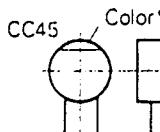
PARTS LIST

CAPACITORS

CC 45 TH 1H 220 J
1 2 3 4 5 6

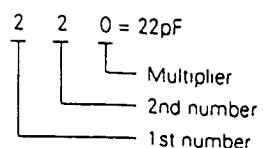
1 = Type ... ceramic, electrolytic, etc.
2 = Shape ... round, square, ect.
3 = Temp. coefficient

4 = Voltage rating
5 = Value
6 = Tolerance



Capacitor value

010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF



Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40	+80	+100	More than 10μF - 10 - +50
							-20	-20	-0	Less than 4.7μF - 10 - +75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

Voltage rating

2nd word	A	B	C	D	E	F	G	H	J	K	V
1st word											
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	-
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	-
3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	-

Chip capacitors

(EX) C C 7 3 F S L 1 H 0 0 0 J
1 2 3 4 5 6 7

(Chip) (CH, RH, UJ, SU)

(EX) C K 7 3 F F 1 H 0 0 0 Z
1 2 3 4 5 6 7

(Chip) (B, F)

Refer to the table above.

1 = Type
2 = Shape
3 = Dimension
4 = Temp coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

Dimension (Chip capacitors)

Dimension code	L	W	T
Empty	5.6 ± 0.5	5.0 ± 0.5	Less than 2.0
A	4.5 ± 0.5	3.2 ± 0.4	Less than 2.0
B	4.5 ± 0.5	2.0 ± 0.3	Less than 2.0
C	4.5 ± 0.5	1.25 ± 0.2	Less than 1.25
D	3.2 ± 0.4	2.5 ± 0.3	Less than 1.5
E	3.2 ± 0.2	1.6 ± 0.2	Less than 1.25
F	2.0 ± 0.3	1.25 ± 0.2	Less than 1.25
G	1.6 ± 0.2	0.8 ± 0.2	Less than 1.0

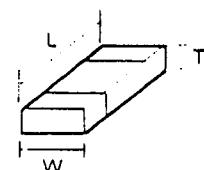
RESISTORS

Chip resistor (Carbon)

(EX) R K 7 3 E 8 2 B 0 0 0 J
1 2 3 4 5 6 7

(Chip) (B, F)

Dimension



Carbon resistor (Normal type)

(EX) R D 1 4 B B 2 C 0 0 0 -
1 2 3 4 5 6 7

1 = Type
2 = Shape
3 = Dimension
4 = Temp coefficient
5 = Rating wattage
6 = Value
7 = Tolerance

Dimension (Chip resistor)

Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6 ± 0.2	0.8 ± 0.2	0.5 ± 0.1

Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1	1/16W	2C	1/6W	3A	1W
24	1/10W	2E	1/4W	3D	2W
25	1/8W	2H	1/2W		

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KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

SPECIFICATIONS

KRC-PS955, KRC-805, KRC-705

FM Tuner section

Frequency range	87.9 - 107.9 MHz
Channel space selection	50k/200 kHz
Usable sensitivity (S/N=30dB)	9.3 dBf (0.8 μ V/75 Ω)
Quieting Sensitivity (S/N=50dB)	15.2 dBf (1.6 μ V/75 Ω)
Frequency response (± 3.0 dB)	30 Hz - 15kHz
Signal to Noise ratio (MONO)	70 dB
Selectivity (± 400 kHz)	≥ 80 dB
Stereo separation (1 kHz)	40 dB

AM Tuner section

Frequency range	530 - 1700 kHz
Channel space selection	9k/10 kHz
Usable sensitivity (S/N 20dB)	28 dB μ (25 μ v)

Cassette Player section

Tape speed	4.76 cm/sec.
Wow & Flutter (WRMS)	0.08%
Frequency response (70 μ S)	30Hz - 20kHz (± 3 dB)
Stereo separation (1 kHz)	43 dB
Signal to Noise ratio (Dolby NR OFF)	57 dB

KRC-785, KRC-885W

FM Tuner section

Frequency range	87.5 - 108.0 MHz
Channel space selection	50 kHz / 200 kHz
Usable sensitivity (S/N=30dB)	9.3 dBf (0.8 μ V/75 Ω)
Quieting Sensitivity (S/N=50dB)	15.2 dBf (1.6 μ V/75 Ω)
Frequency response (± 3.0 dB)	30 Hz - 15 kHz
Signal to Noise ratio (MONO)	70 dB
Selectivity (± 400 kHz)	≥ 80 dB
Stereo separation (1 kHz)	40 dB

AM Tuner section

Frequency range	531 - 1611 kHz
Channel space selection	9 K / 10 kHz
Usable sensitivity (S/N 20dB)	28 dB μ (25 μ v)

Cassette Player section

Tape speed	4.76 cm/sec.
Wow & Flutter (WRMS)	0.08%
Frequency response (70 μ S)	30Hz - 20kHz (± 3 dB)
Stereo separation (1 kHz)	43 dB

(Dolby BNR ON)	65 dB
KRC-PS955 (Dolby CNR ON)	73 dB

Audio Section

Pre out level

KRC-PS955, KRC-805	4V/10k Ω (with CD-CH)
KRC-705	1800 mV/10k Ω

Pre out Impedance

KRC-PS955, KRC-805	80 Ω
KRC-705	≤ 600 Ω

Maximum output power..... 40 W x 4

Full Bandwidth output power(at less than 1%THD)..... 22 W x4

Tone action (Bass: 100 Hz)..... ± 10 dB

(Treble: 10 kHz)..... ± 10 dB

General

Operating voltage..... 14.4V(11- 16V allowable)

Current consumption..... 10A at Rated power

Installation size (W x H x D)..... 182m x 53mm x 161mm

7-3/16 x 2-1/16 x 6-5/16 (in)

Weight..... 4.0 lbs (1.8 kg)

Signal to Noise ratio (Dolby NR OFF)	57 dB
(Dolby BNR ON)	65 dB

Audio Section

Pre out level

KRC-885W	4V/10k Ω (with CD-CH)
KRC-785	1800 mV/10k Ω

Pre out Impedance

KRC-885W	80 Ω
KRC-785	≤ 600 Ω

Maximum output power..... 40 W x 4

Full Bandwidth output power(at less than 1%THD)..... 22 W x4

Tone action (Bass: 100 Hz)..... ± 10 dB

(Treble: 10 kHz)..... ± 10 dB

General

Operating voltage..... 14.4V(11- 16V allowable)

Current consumption..... 10A at Rated power

Installation size (W x H x D)..... 182m x 53mm x 161mm

Weight..... 1.8 kg

Note: The specifications and design of this unit are subject to continued technical development and may be changed without notice.

KRC-705/759R/RY/785/805/859C /CY/R/RY/W/WY/885W/PS955

SPECIFICATIONS

KRC-859C/CY/W/WY, KRC-859R/RY, KRC-759R/RY

FM Tuner section

Frequency range	87.5 - 108.0 MHz
Channel space	50 kHz
Usable sensitivity (S/N=26dB)	0.7 μ V/75 ohms
Quieting Sensitivity (S/N=46dB)	1.6 μ V/75 ohms
Frequency response (± 3.0 dB)	30 Hz - 15kHz
Signal to Noise ratio (MONO)	65 dB
Selectivity (± 400 kHz)	≥ 80 dB
Stereo separation (1 kHz)	35 dB

MW Tuner section

Frequency range	531 - 1611 kHz
Channel space	9 kHz
Usable sensitivity (S/N 20dB)	25 μ V

LW tuner section

Frequency range	153 kHz - 281 kHz
Usable sensitivity (S/N 20dB)	45 μ V

Cassette Player section

Tape speed	4.76 cm/sec.
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For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554
Email: enquiries@mauritron.co.uk

Wow & Flutter (WRMS)	0.08%
Frequency response (70 μ S)	30Hz - 20kHz (± 3 dB)
Stereo separation (1 kHz)	40 dB
Signal to Noise ratio (Dolby NR OFF)	57 dB
(Dolby BNR ON)	65 dB

Audio Section

Pre out level	
KRC-859C/CY/W/WY	4V/10 K Ω (with CD-CH)
KRC-859R/RY, KRC-759R/RY	1800 mV/10k ohms
Pre out Impedance	
KRC-859C/CY/W/WY	80 Ω
KRC-859R/RY, KRC-759R/RY	≤ 600 Ω
Maximum output power	40 W x 4
output power(DIN45324, +B=14.4V)	27 W x4
Tone action (Bass: 100 Hz)	± 10 dB
(Treble: 10 kHz)	± 10 dB

General

Operating voltage	14.4V(11- 16V allowable)
Current consumption	10A at Rated power
Installation size (W x H x D)	182m x 53mm x 161mm
Weight	1.8 kg

Note: The specifications and design of this unit are subject to continued technical development and may be changed without notice.

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